

FIG. 1
PRIOR ART

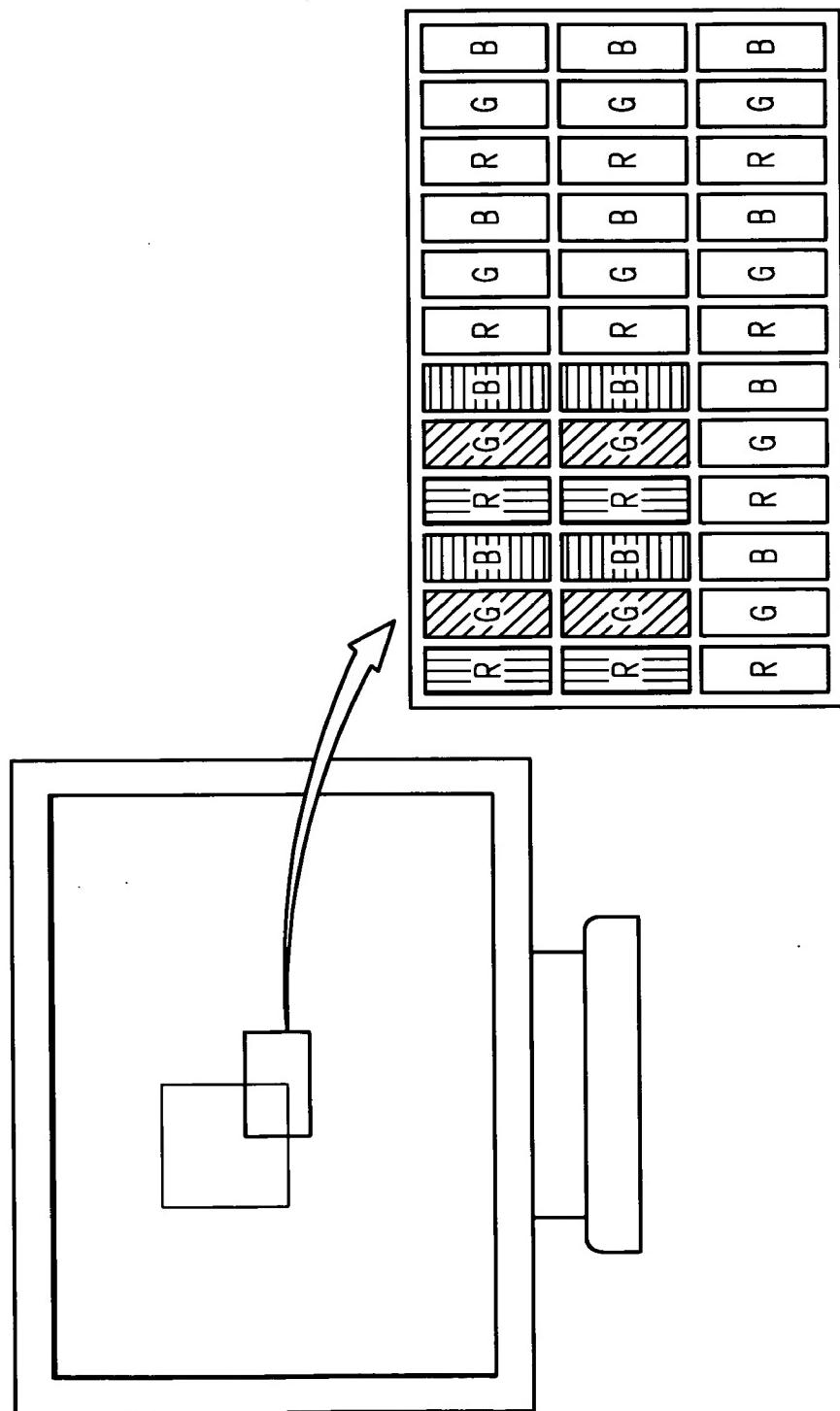


FIG. 2
PRIOR ART

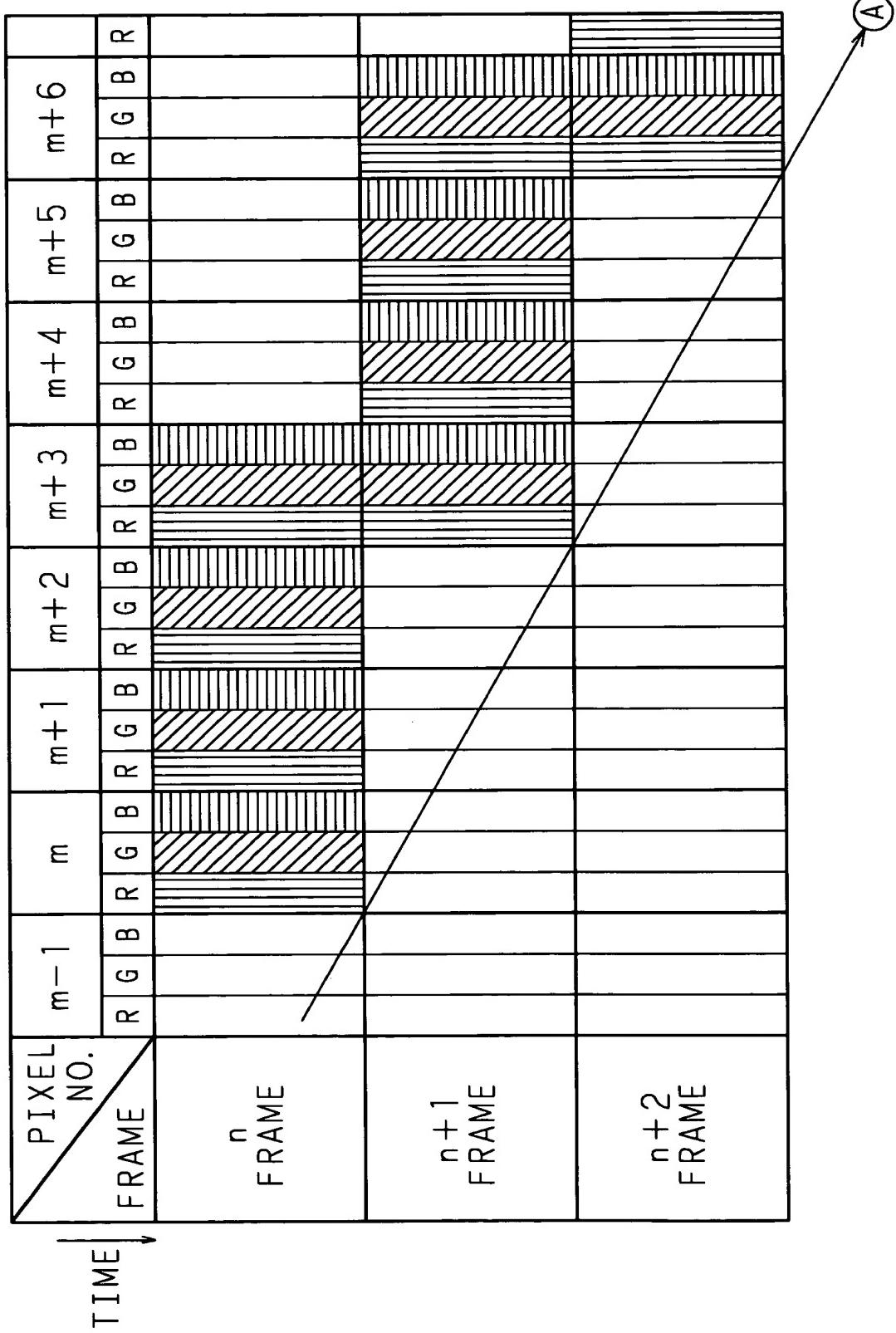


FIG. 3 PRIOR ART

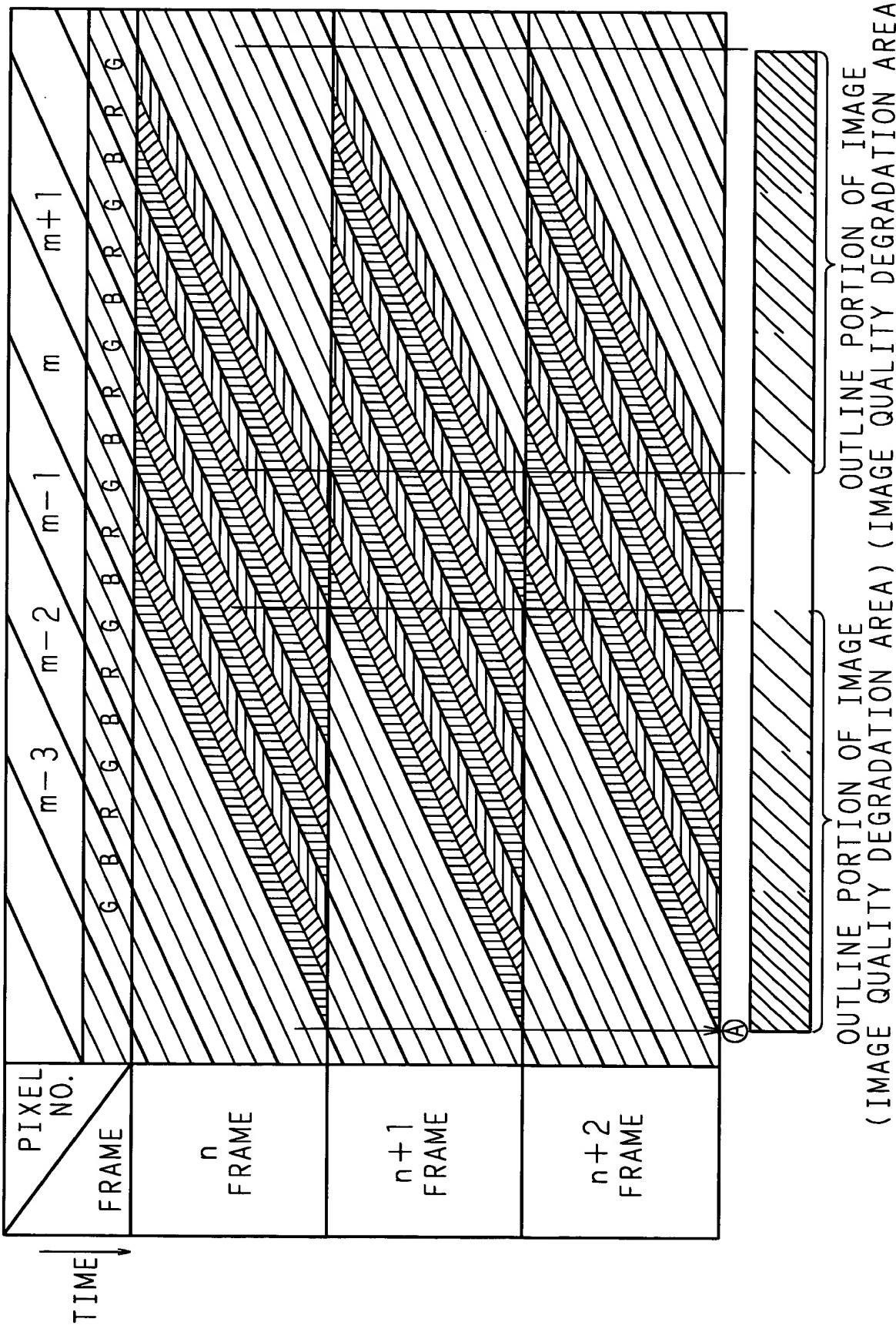


FIG. 4

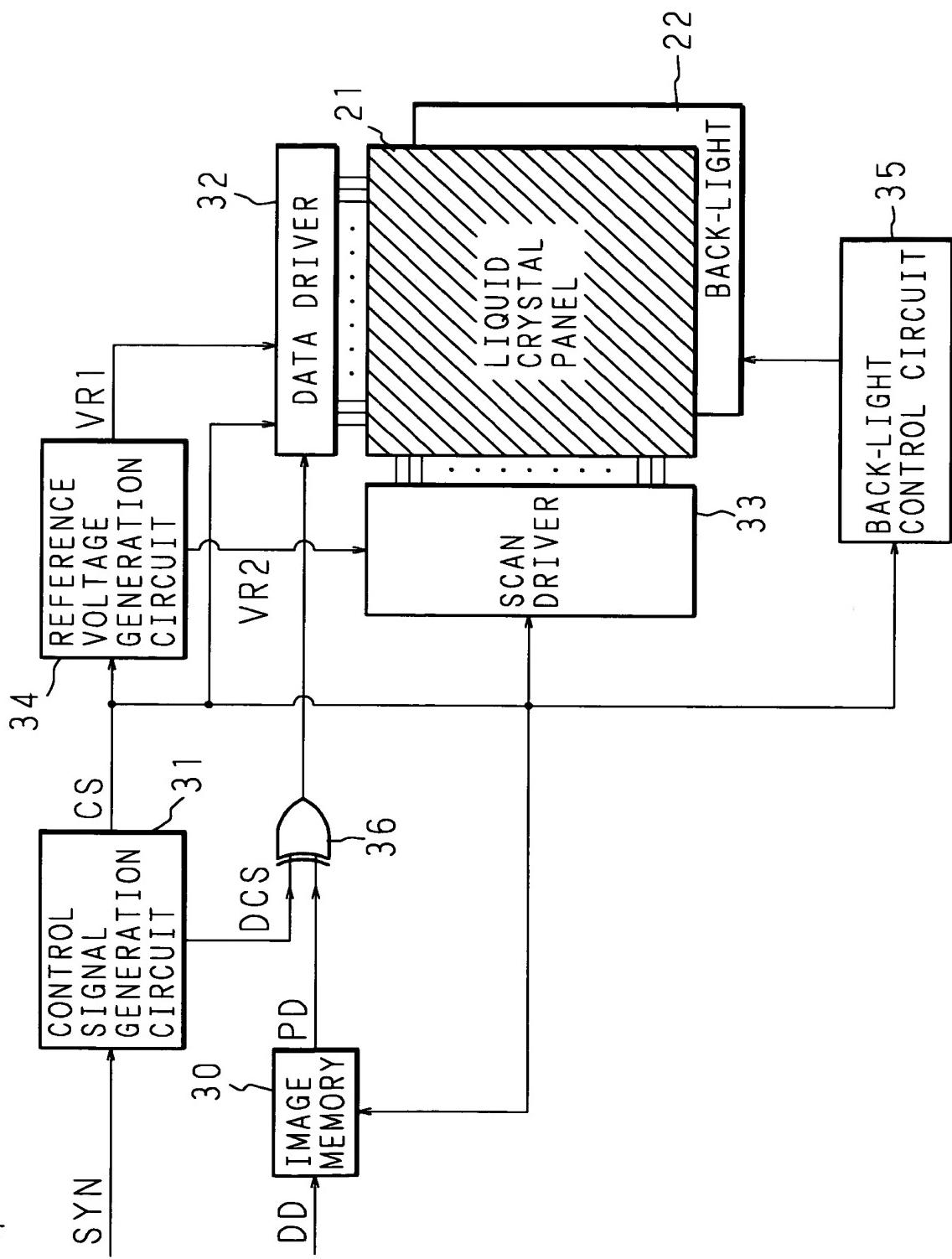


FIG. 5

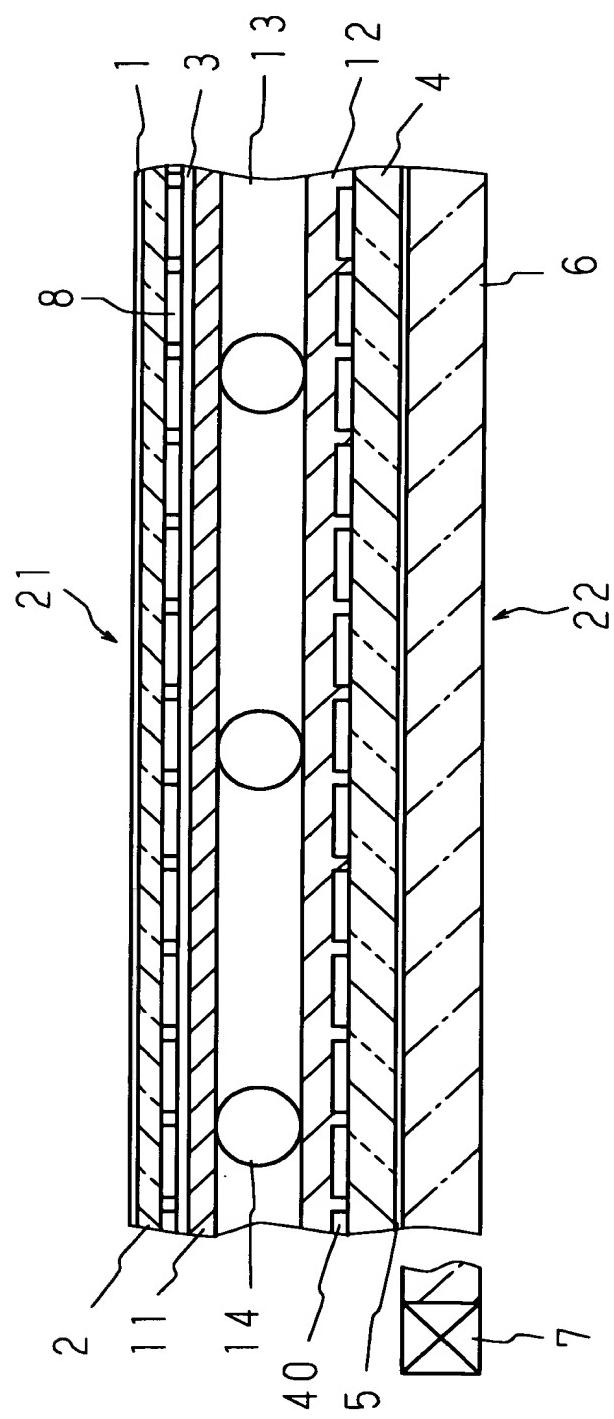


FIG. 6

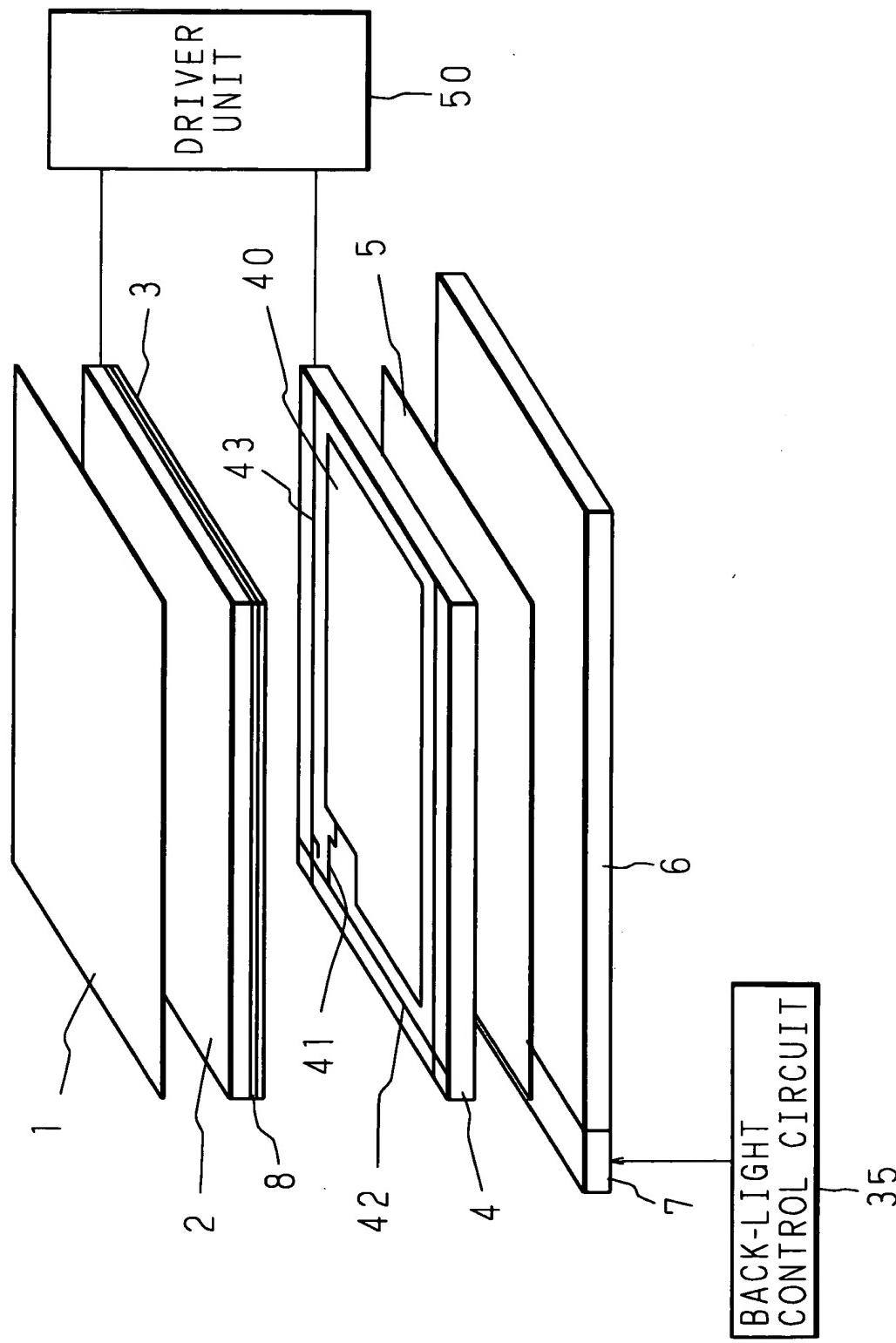


FIG. 7

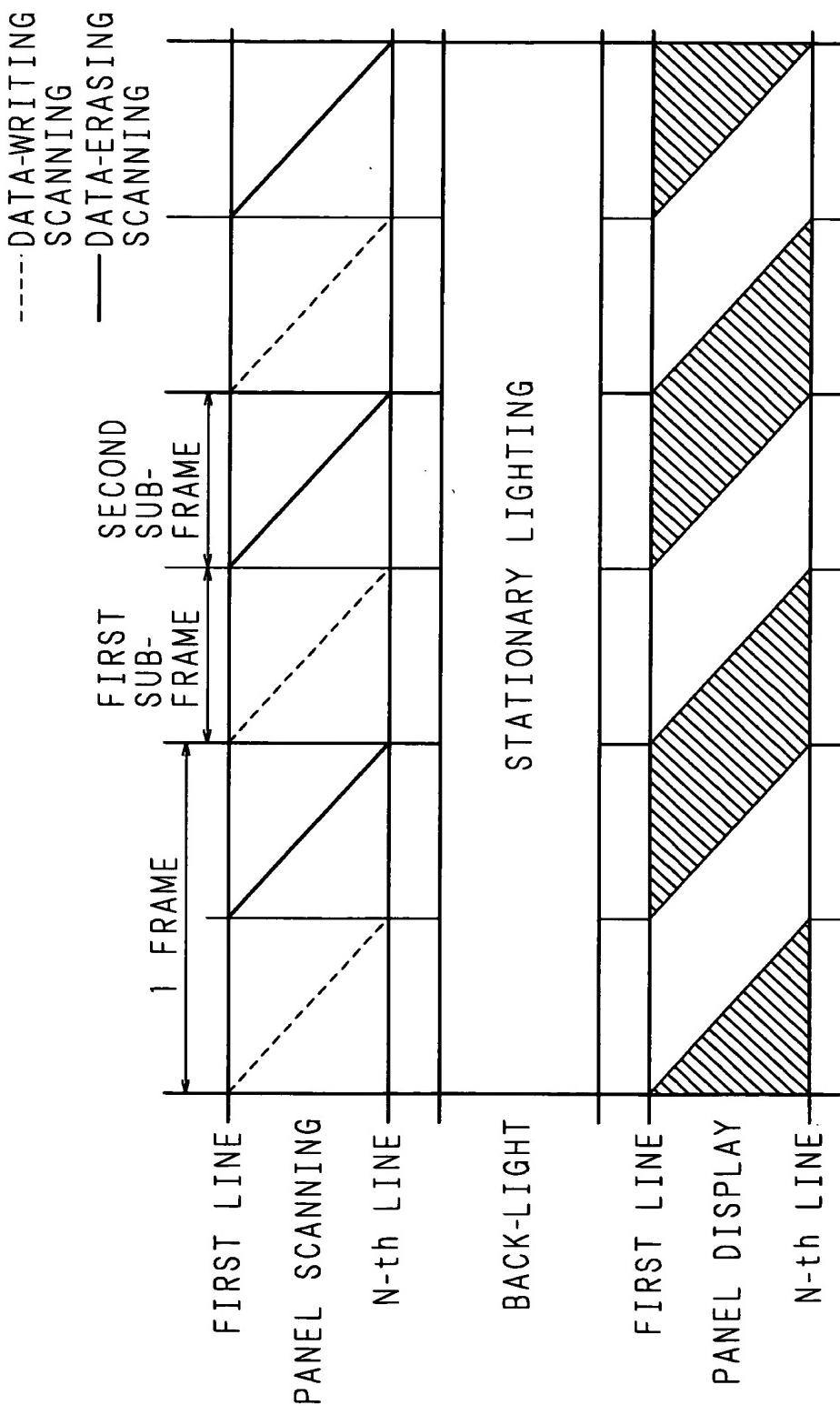


FIG. 8

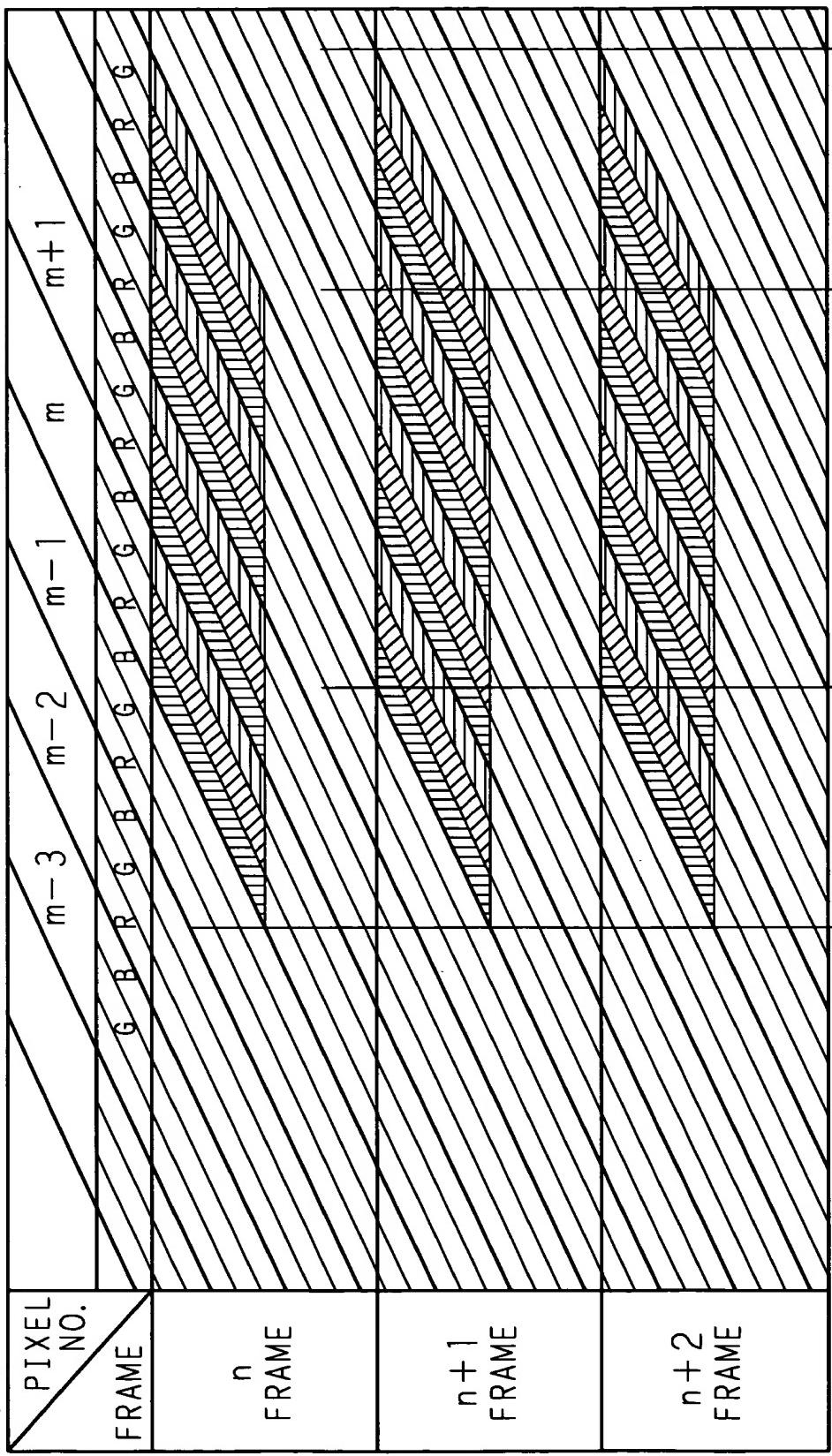


FIG. 9
AP: ADDRESS PERIOD
RP: RETENTION PERIOD

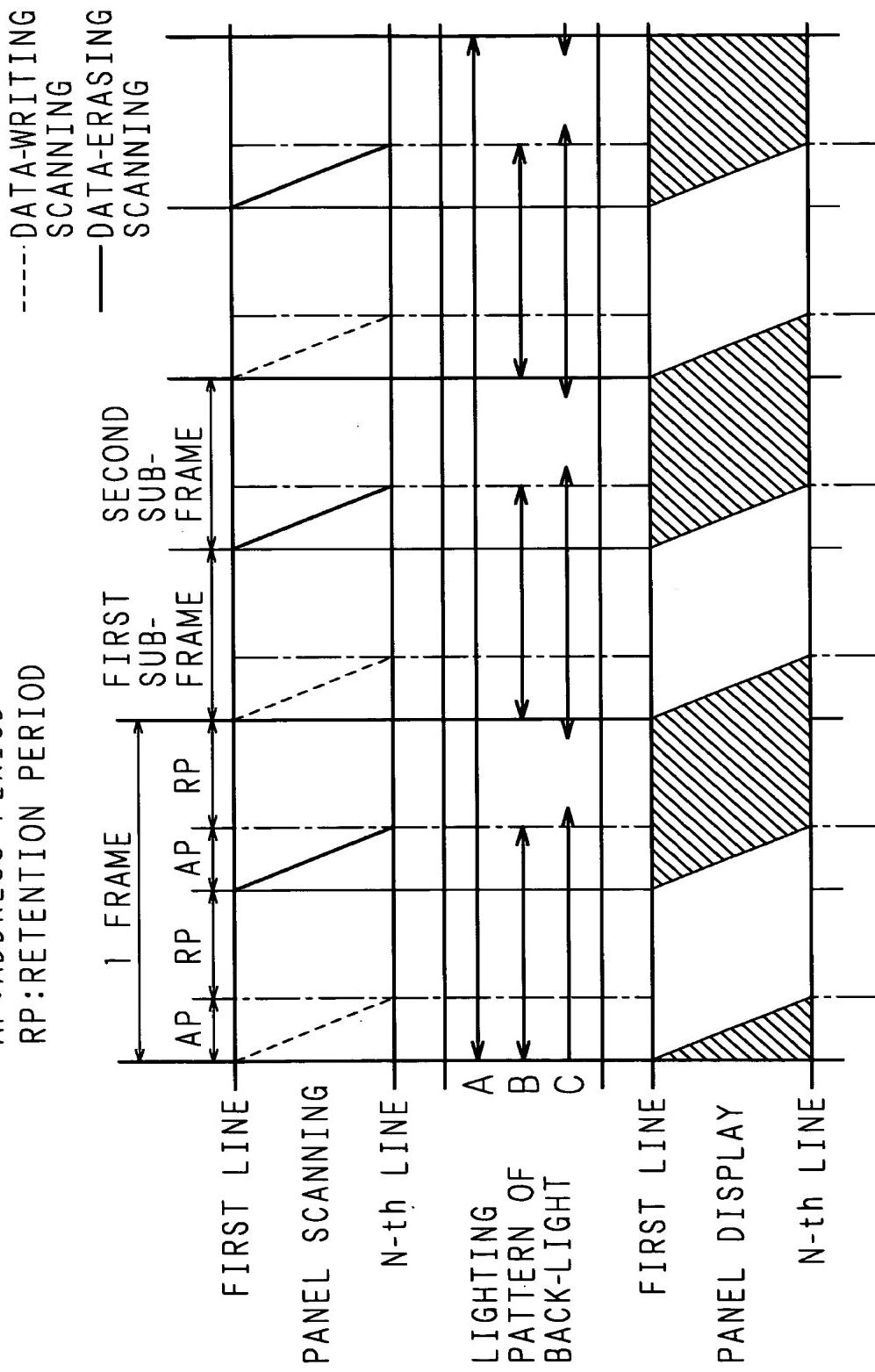


FIG. 10

AP: ADDRESS PERIOD
RP: RETENTION PERIOD

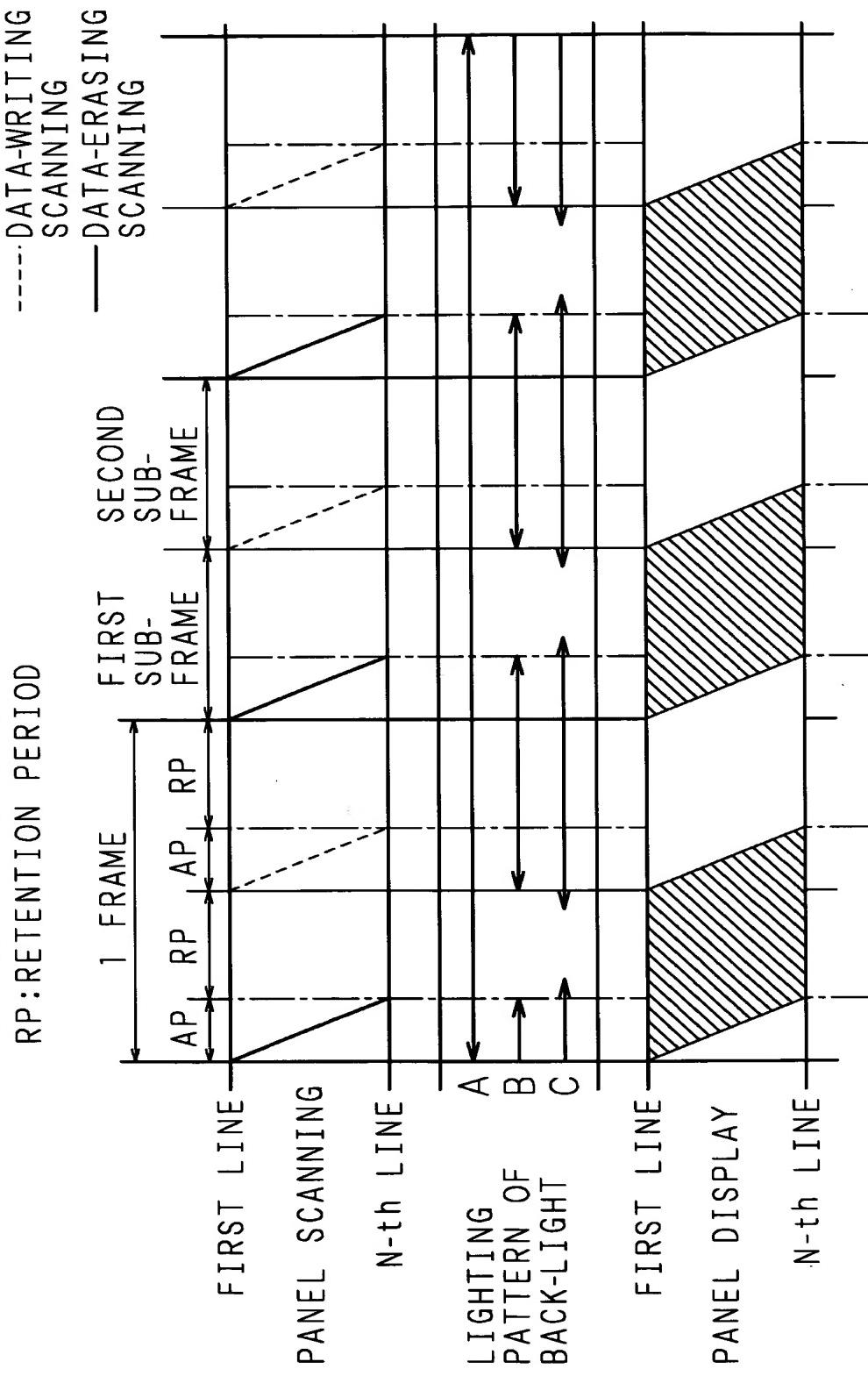


FIG. 11

AP: ADDRESS PERIOD
RP: RETENTION PERIOD

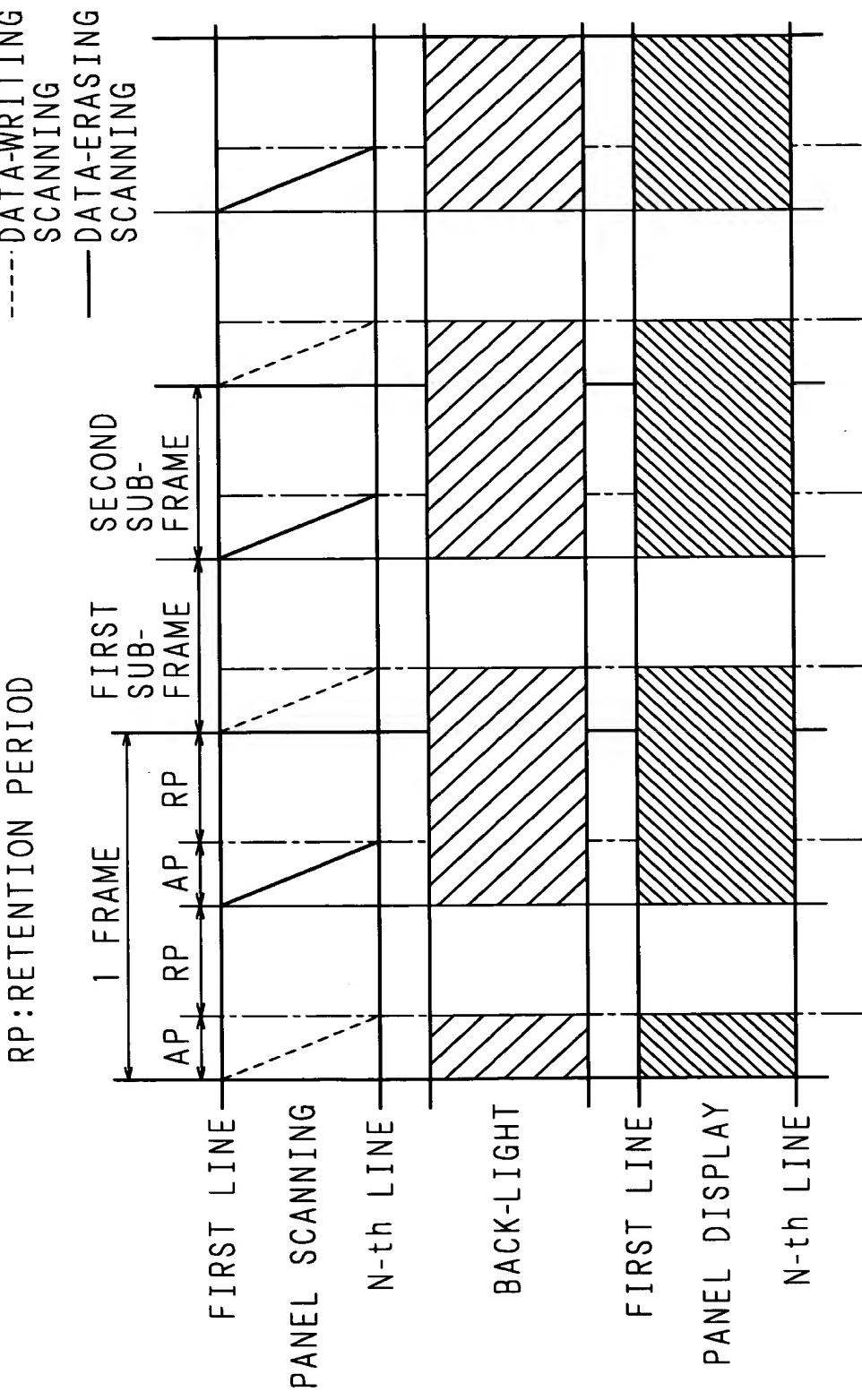


FIG. 12

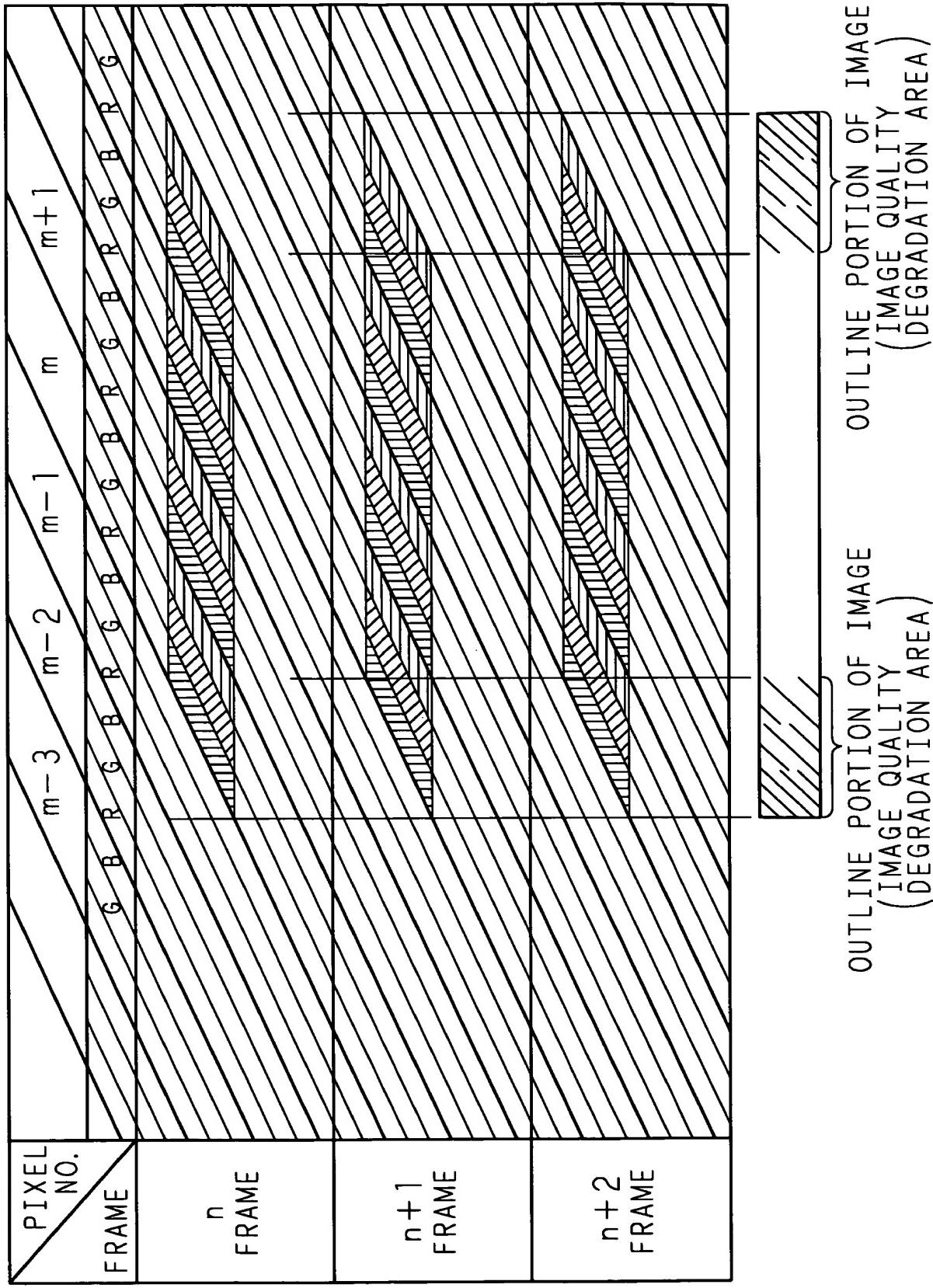


FIG. 13

AP:ADDRESS PERIOD
RP:RETENTION PERIOD

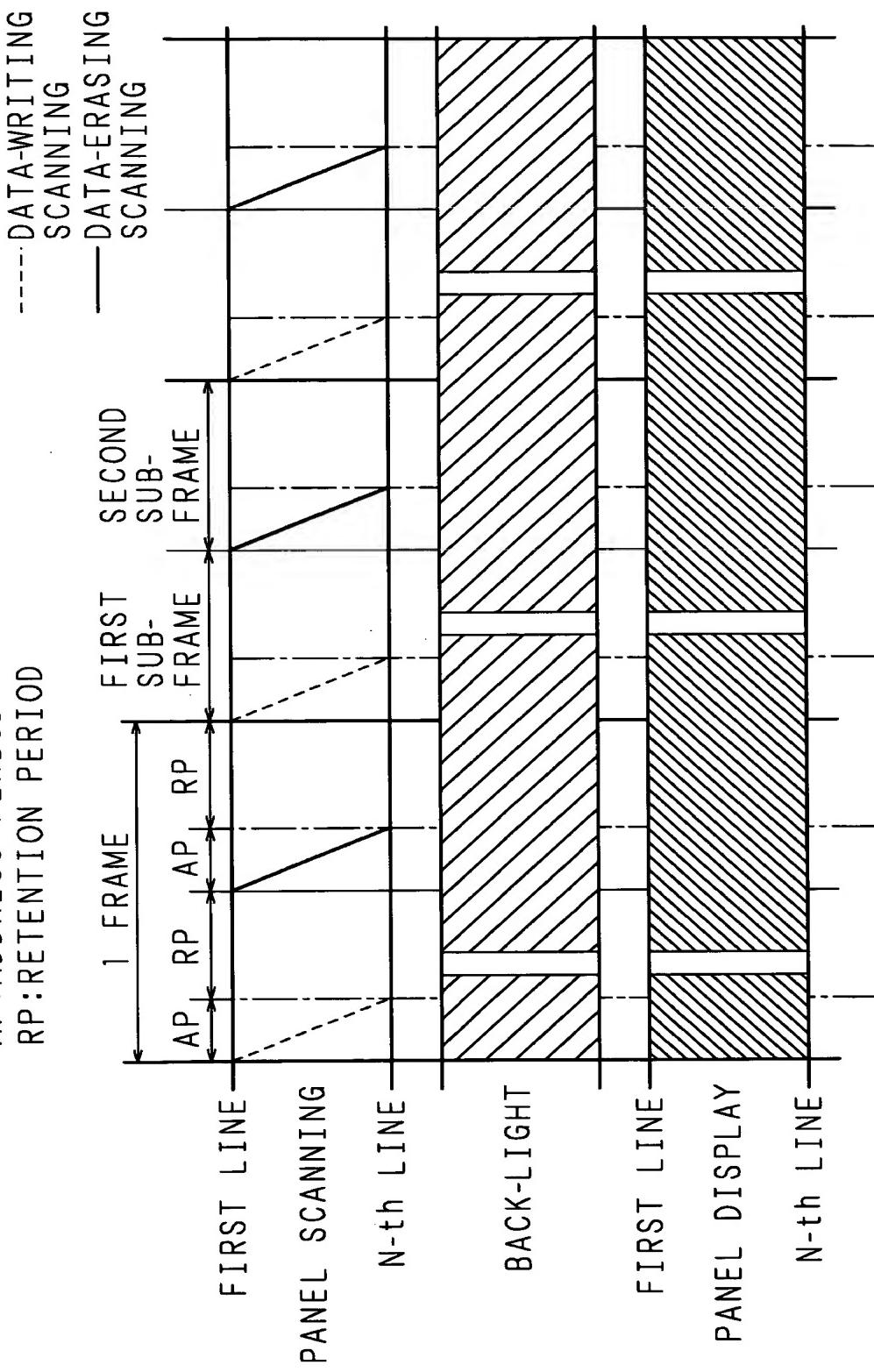
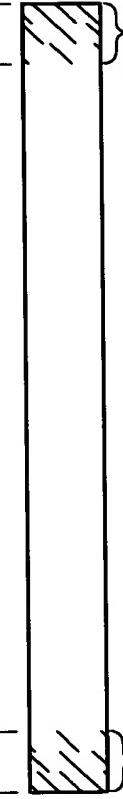
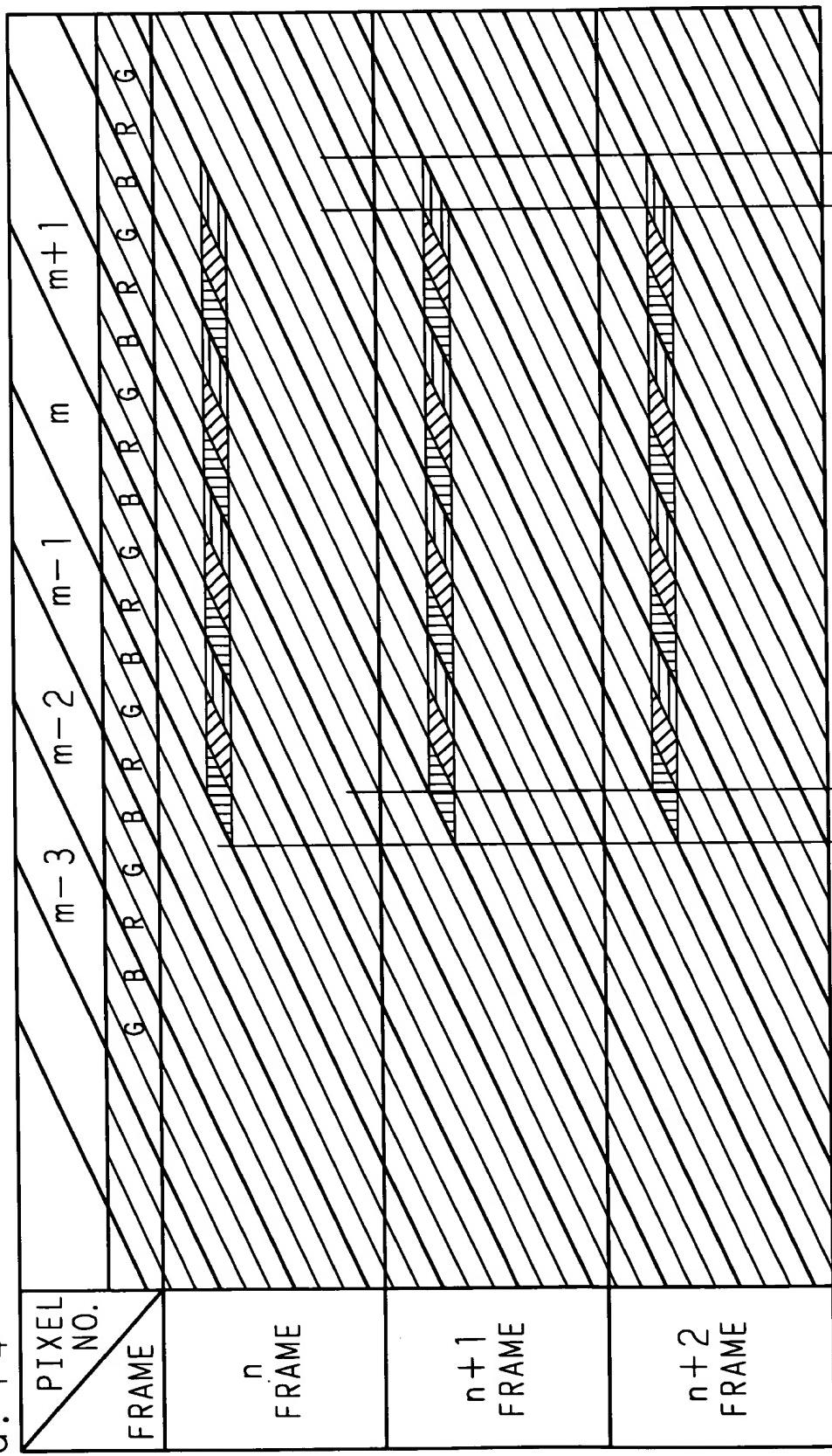


FIG. 14



OUTLINE PORTION OF IMAGE
(IMAGE QUALITY)
(DEGRADATION AREA)

FIG. 15
WP:DATA-WRITING PERIOD
EP:DATA-ERASING PERIOD

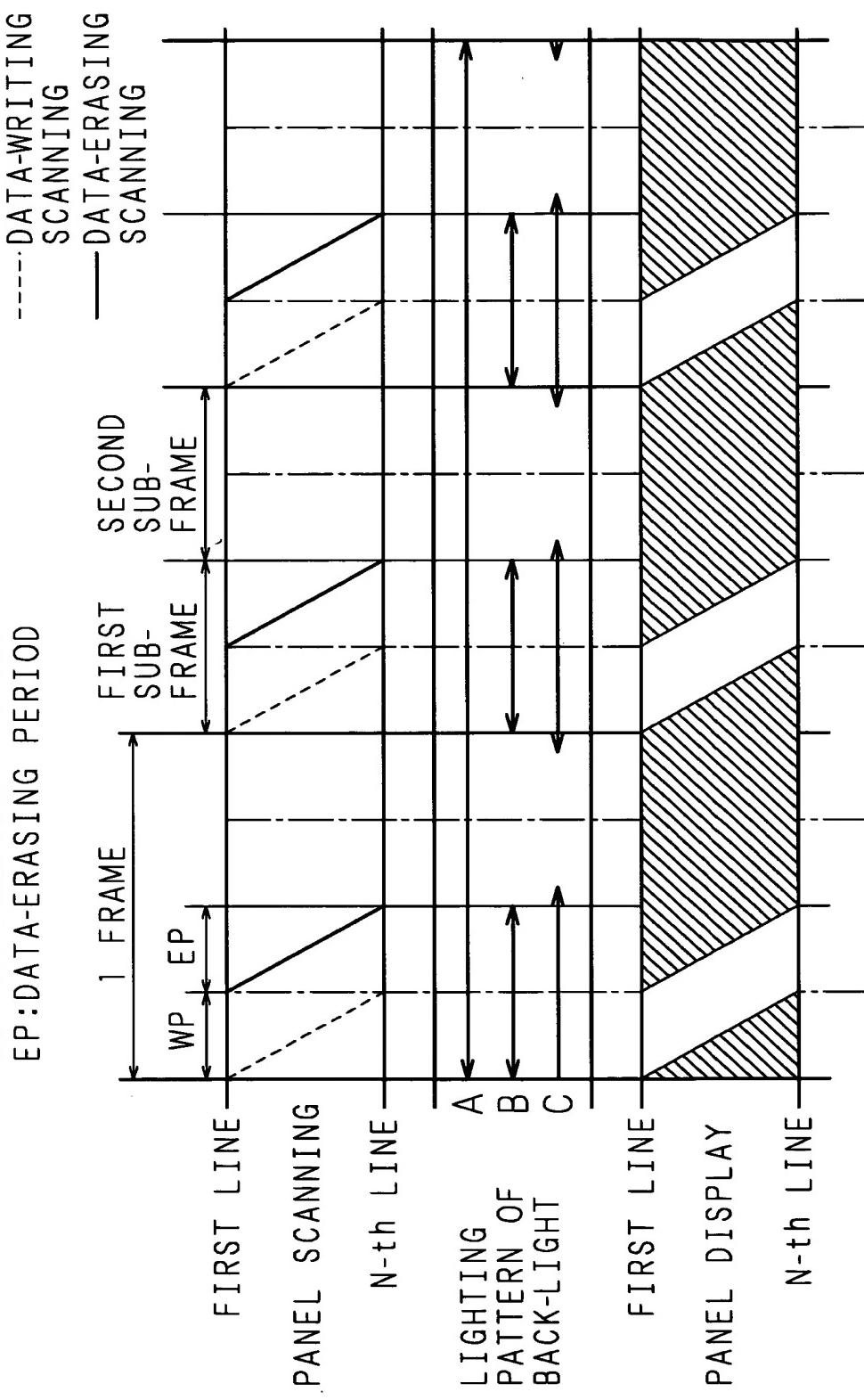
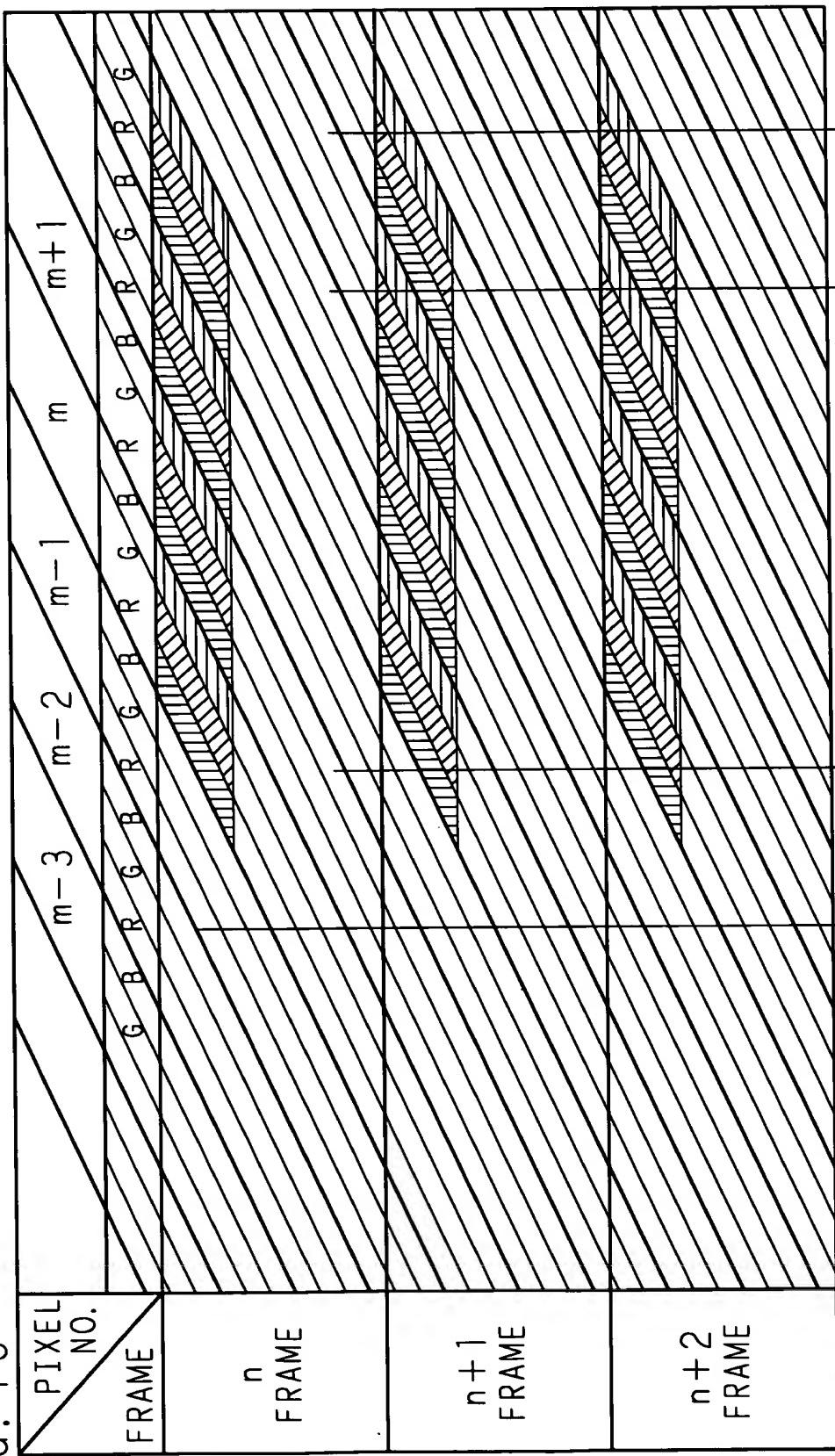


FIG. 16



The diagram shows a horizontal rectangle representing the entire image. A vertical bracket on the left side highlights a narrow strip along the top and bottom edges, labeled "OUTLINE PORTION OF IMAGE (IMAGE QUALITY DEGRADATION AREA)". Another vertical bracket on the right side highlights a wider strip in the center, labeled "OUTLINE PORTION OF IMAGE (IMAGE QUALITY DEGRADATION AREA)".

FIG. 17
WP:DATA-WRITING PERIOD
EP:DATA-ERASING PERIOD

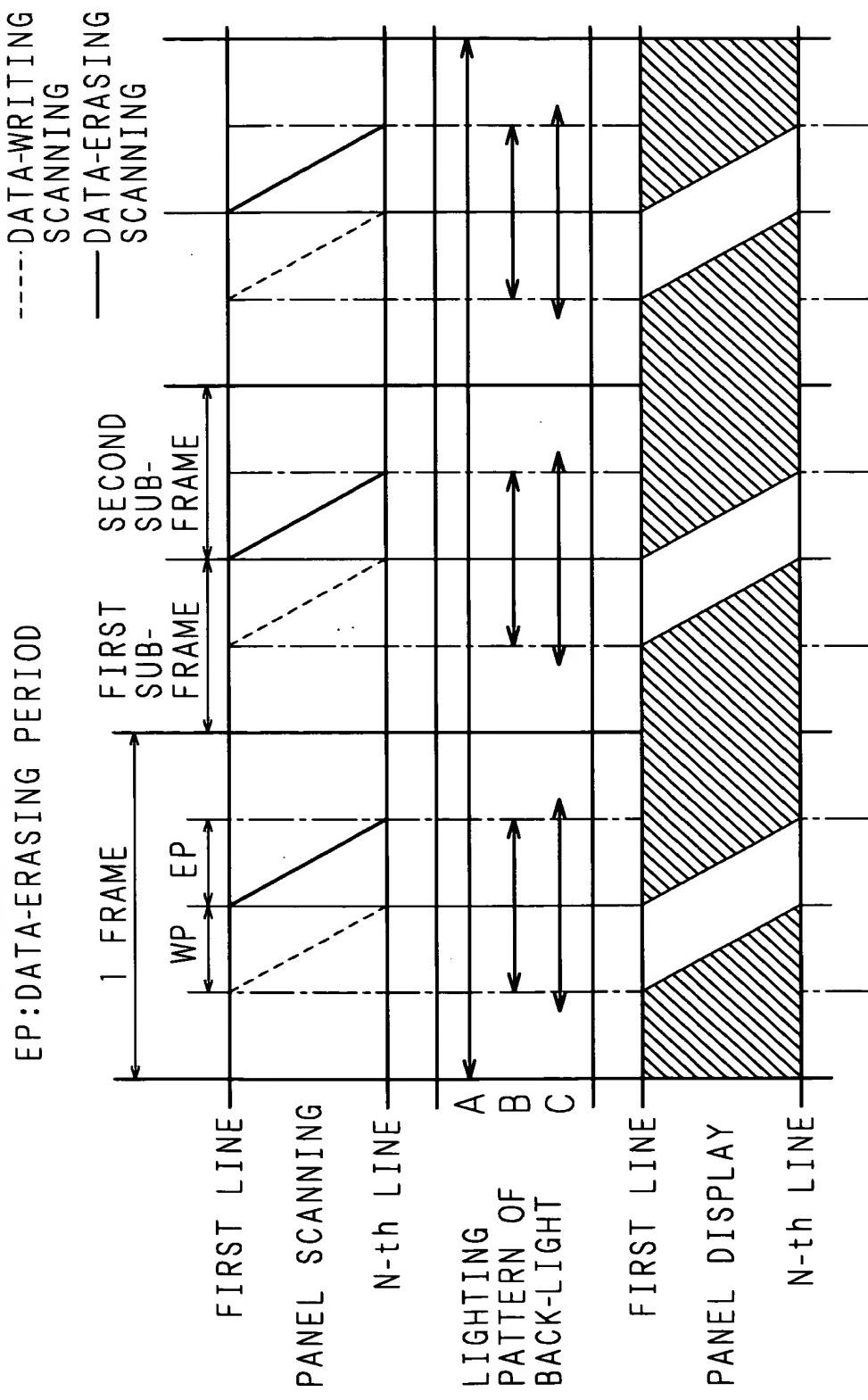


FIG. 18
WP: DATA-WRITING PERIOD
EP: DATA-ERASING PERIOD

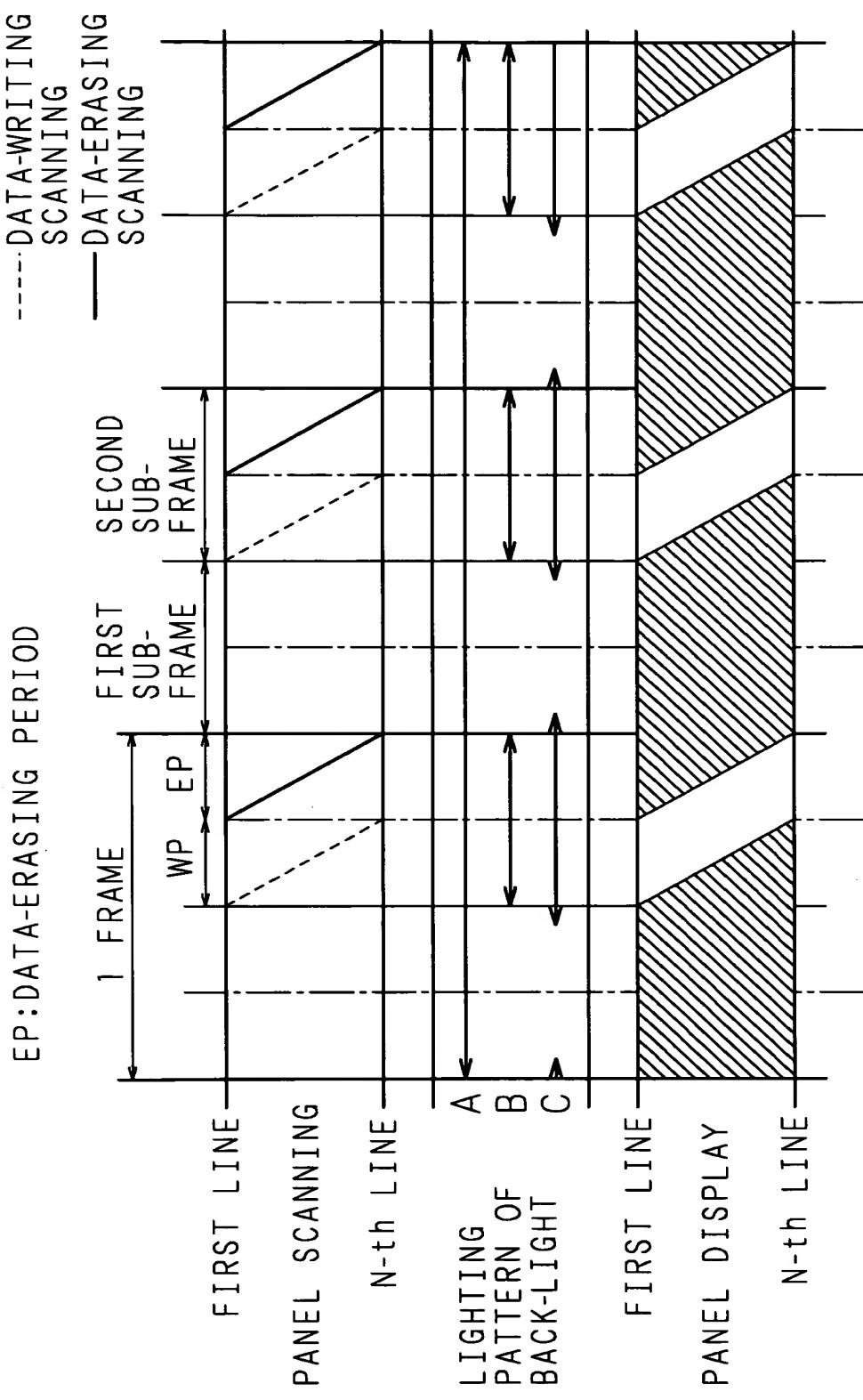


FIG. 19

AP: ADDRESS PERIOD
RP: RETENTION PERIOD

----- DATA-WRITING
SCANNING
— DATA-ERASING
SCANNING

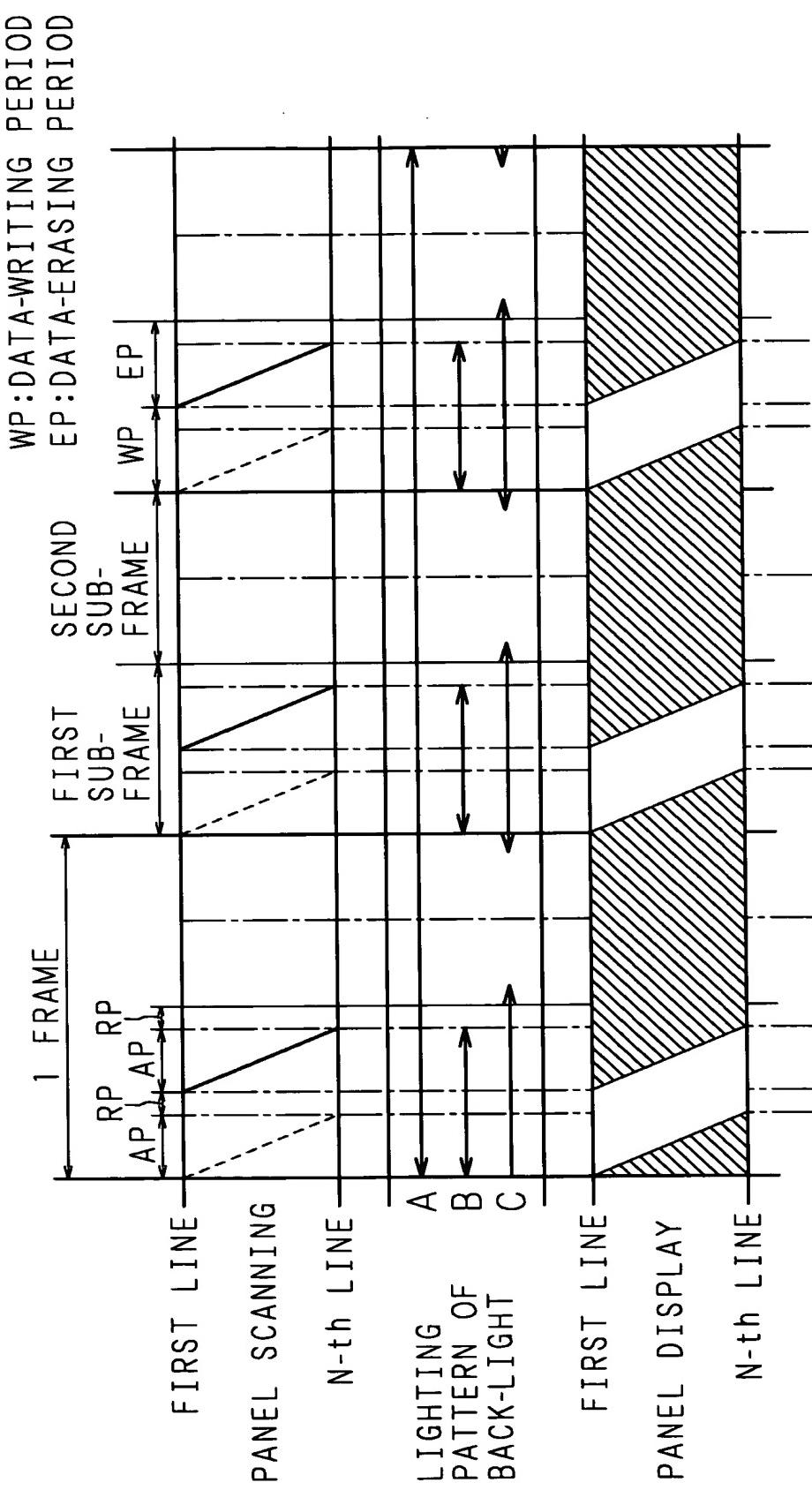
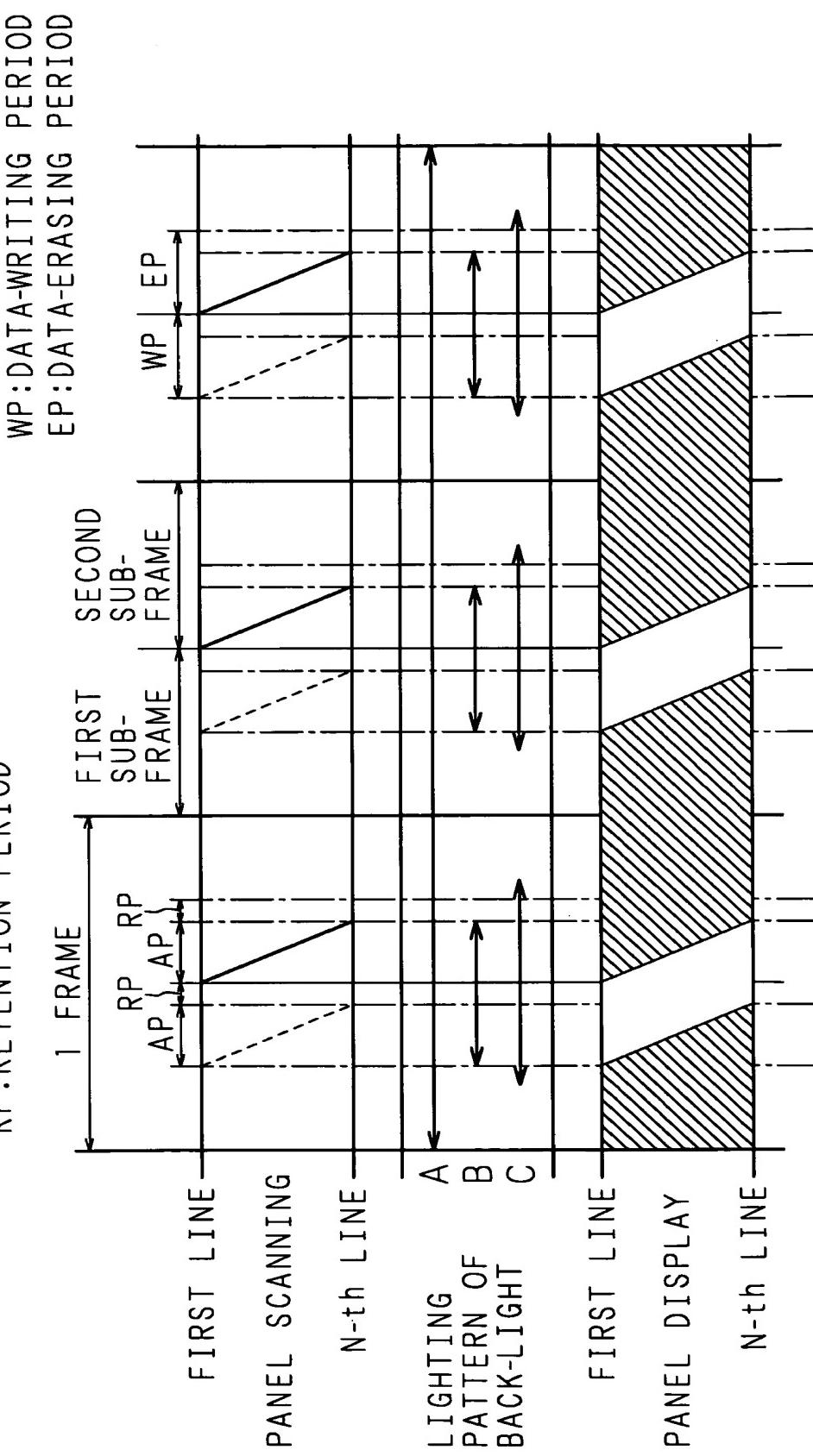


FIG. 20

AP : ADDRESS PERIOD
RP : RETENTION PERIOD
WP : DATA-WRITING PERIOD
EP : DATA-ERASING PERIOD

---- DATA-WRITING SCANNING
— DATA-ERASING SCANNING



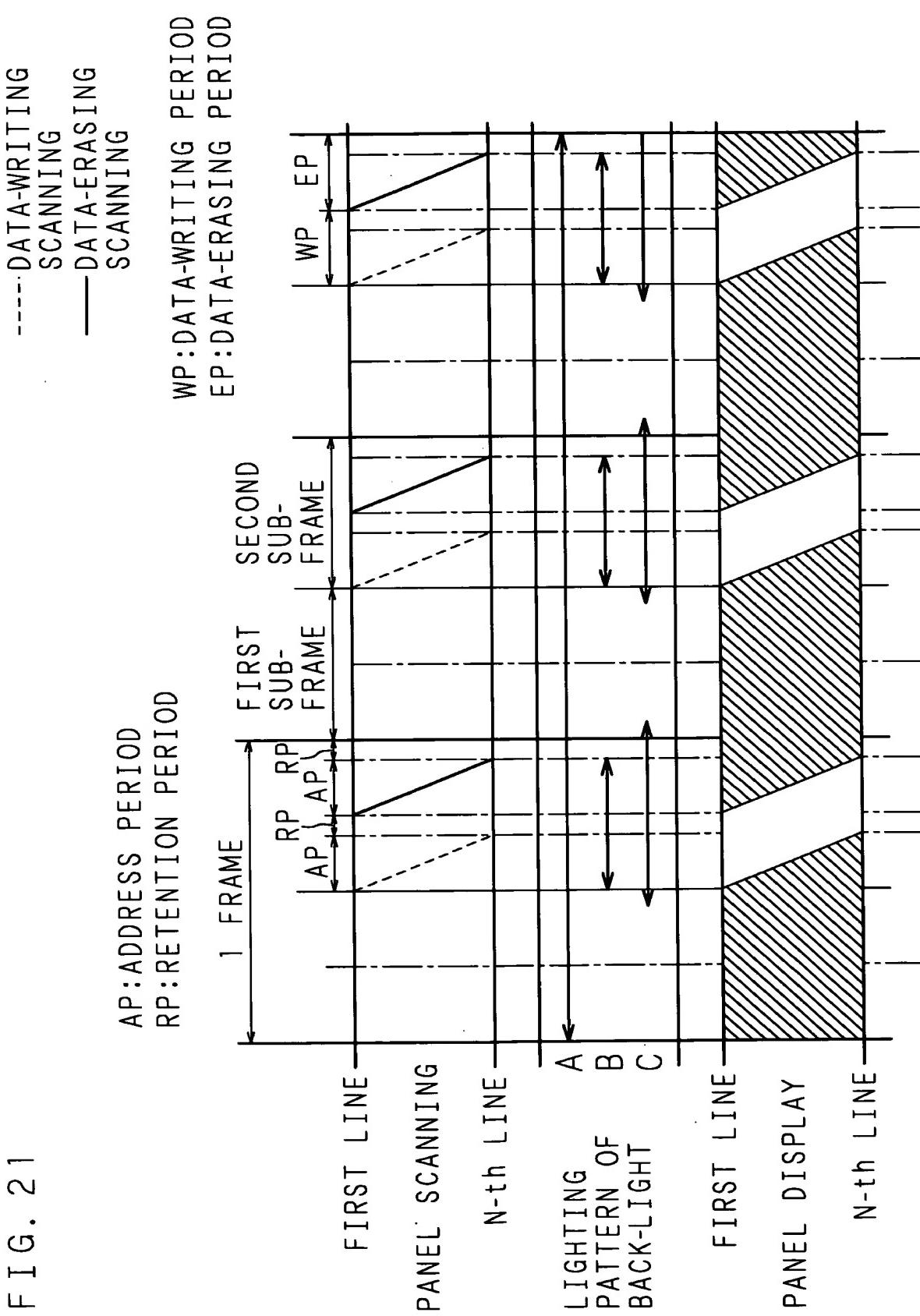


FIG. 22

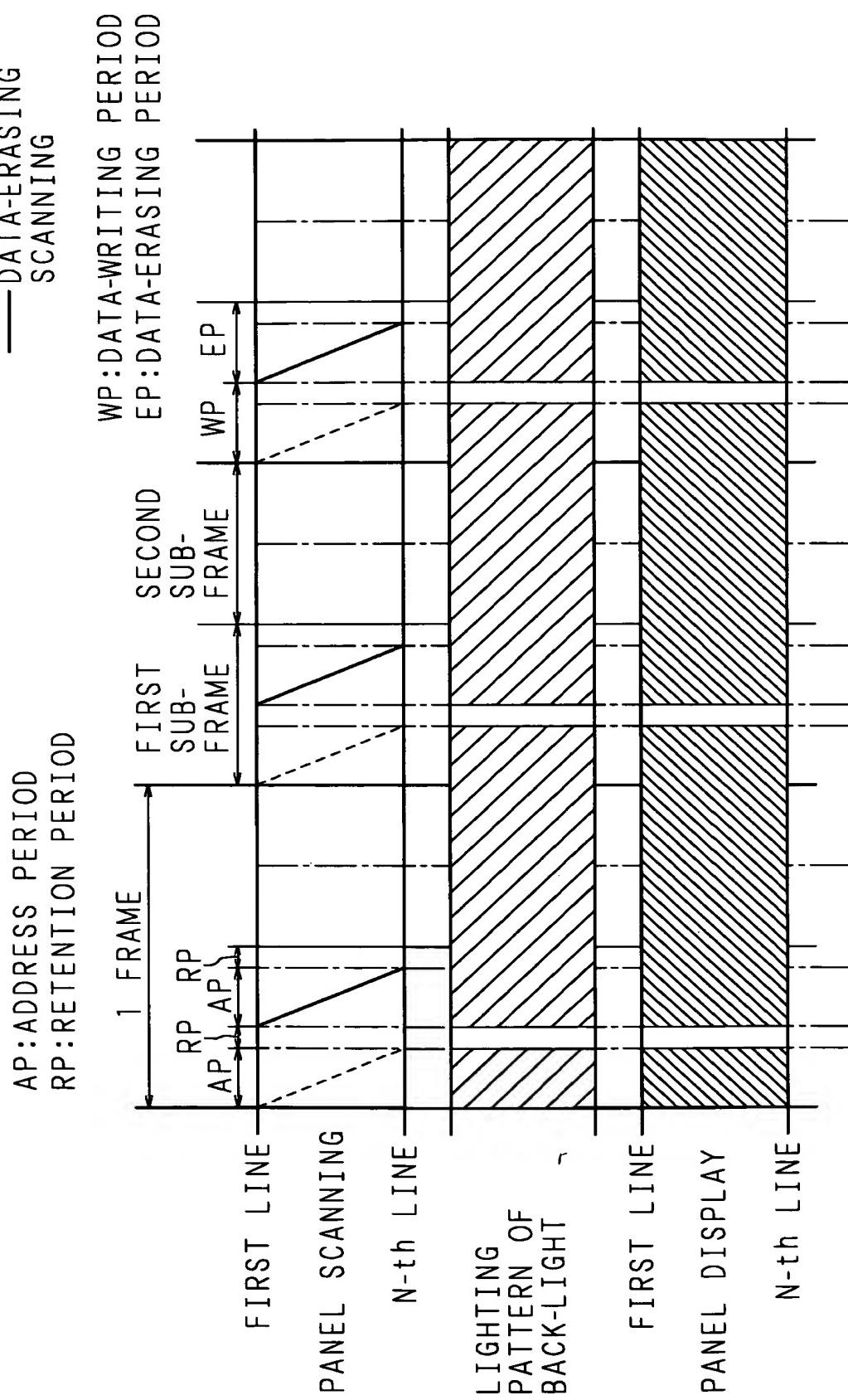
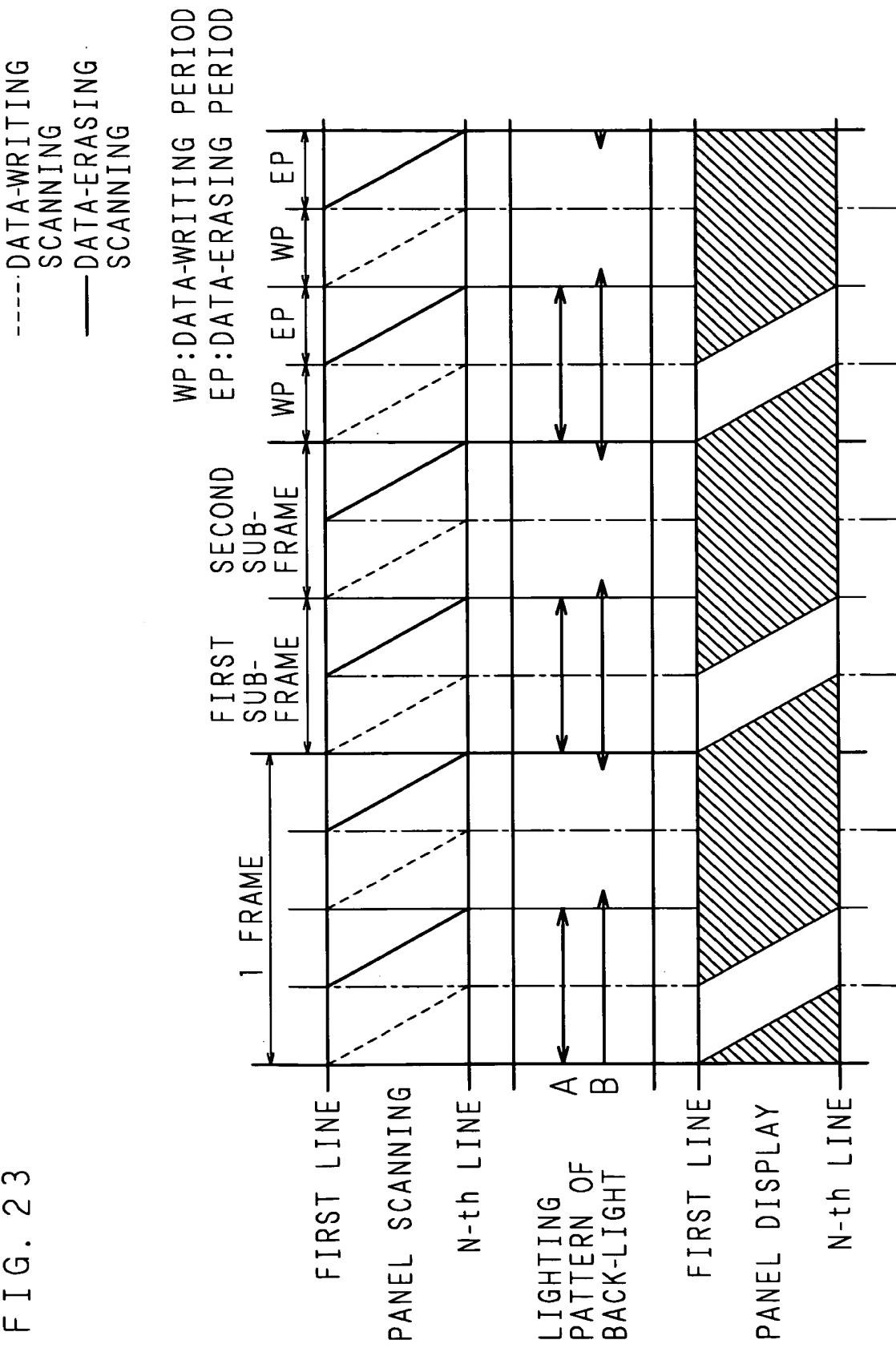


FIG. 23



--- DATA-WRITING
SCANNING
— DATA-ERASING
SCANNING

FIG. 24

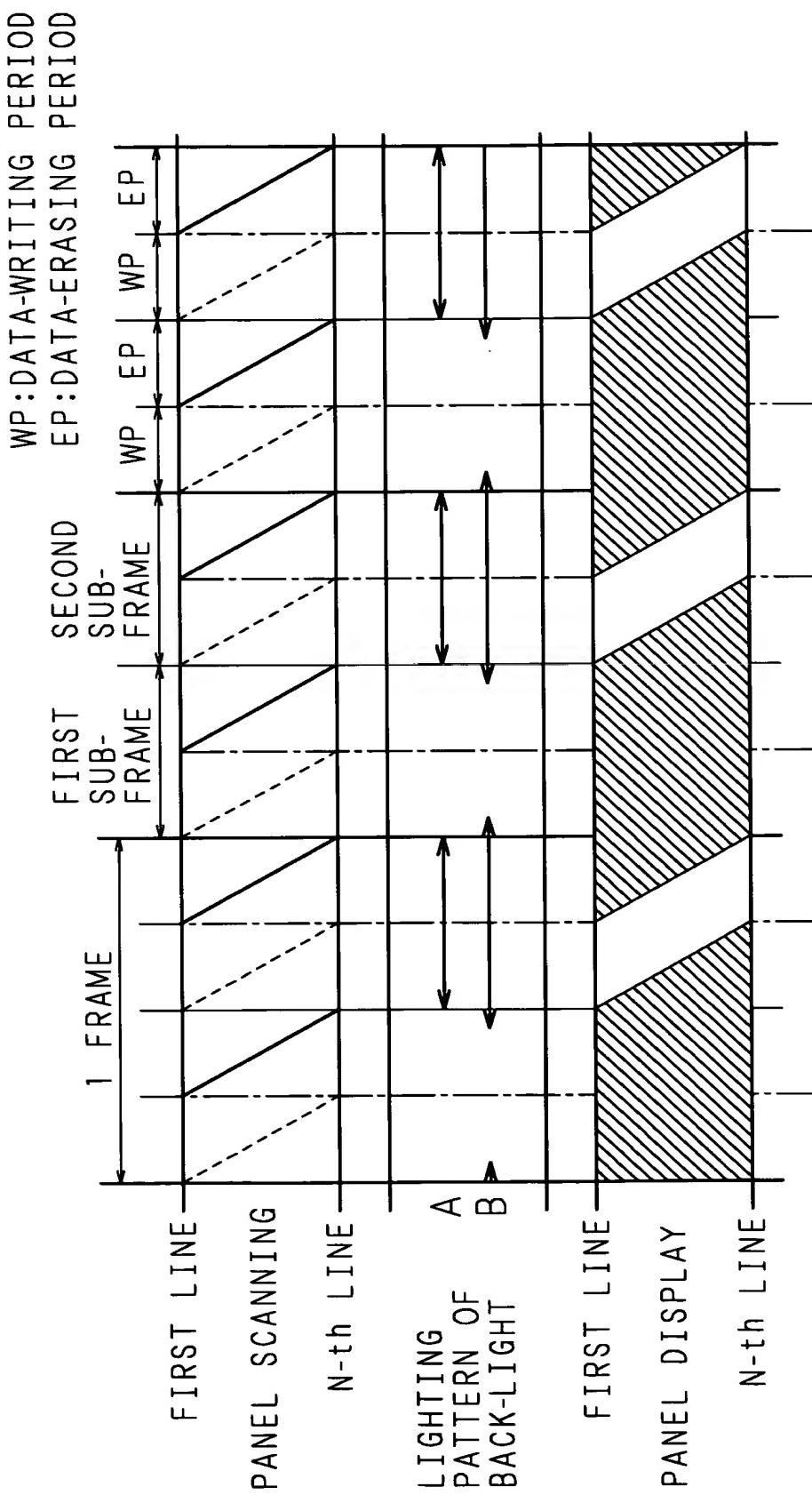


FIG. 25

----- DATA-WRITING SCANNING
——— DATA-ERASING SCANNING

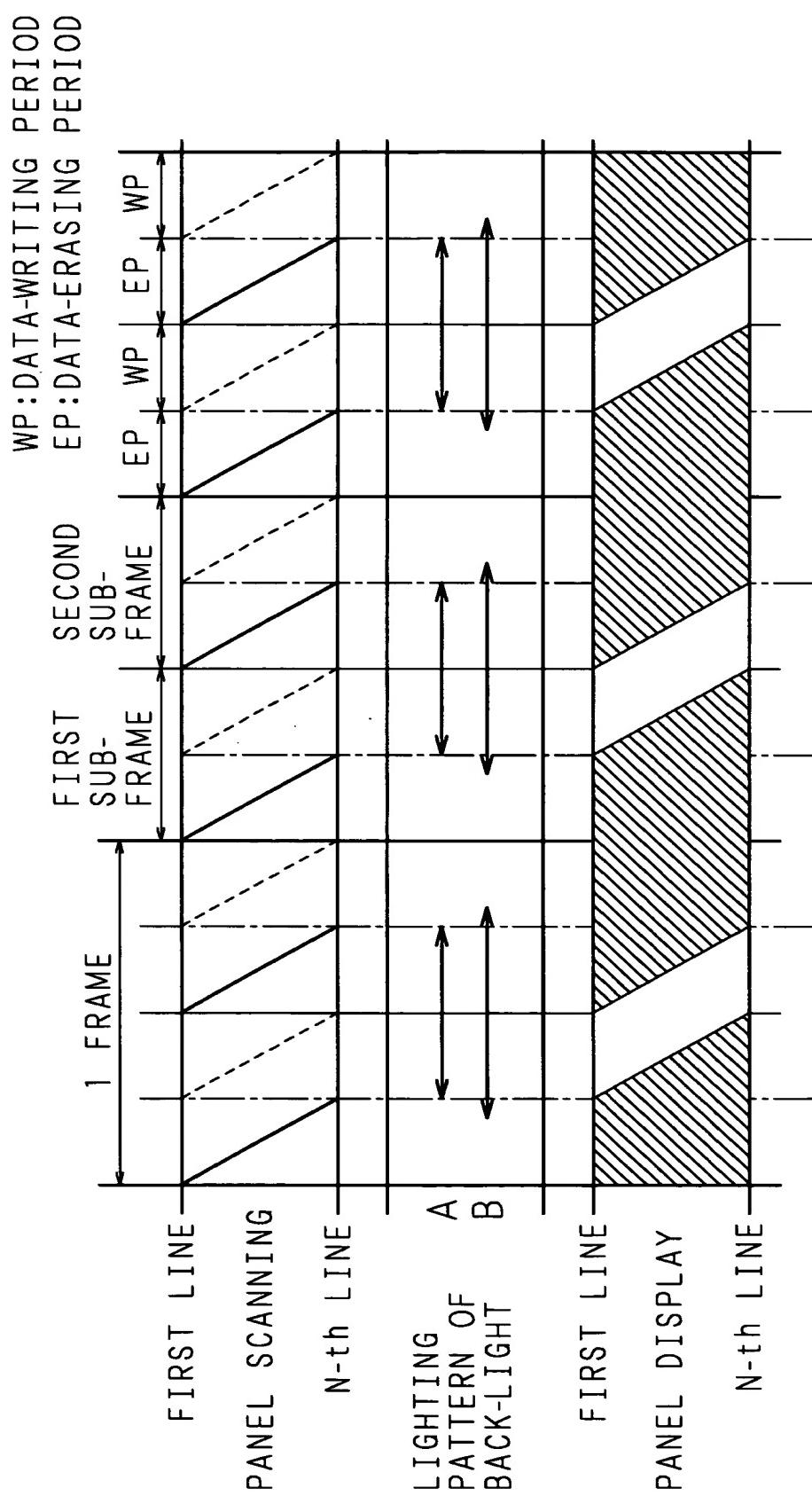


FIG. 26

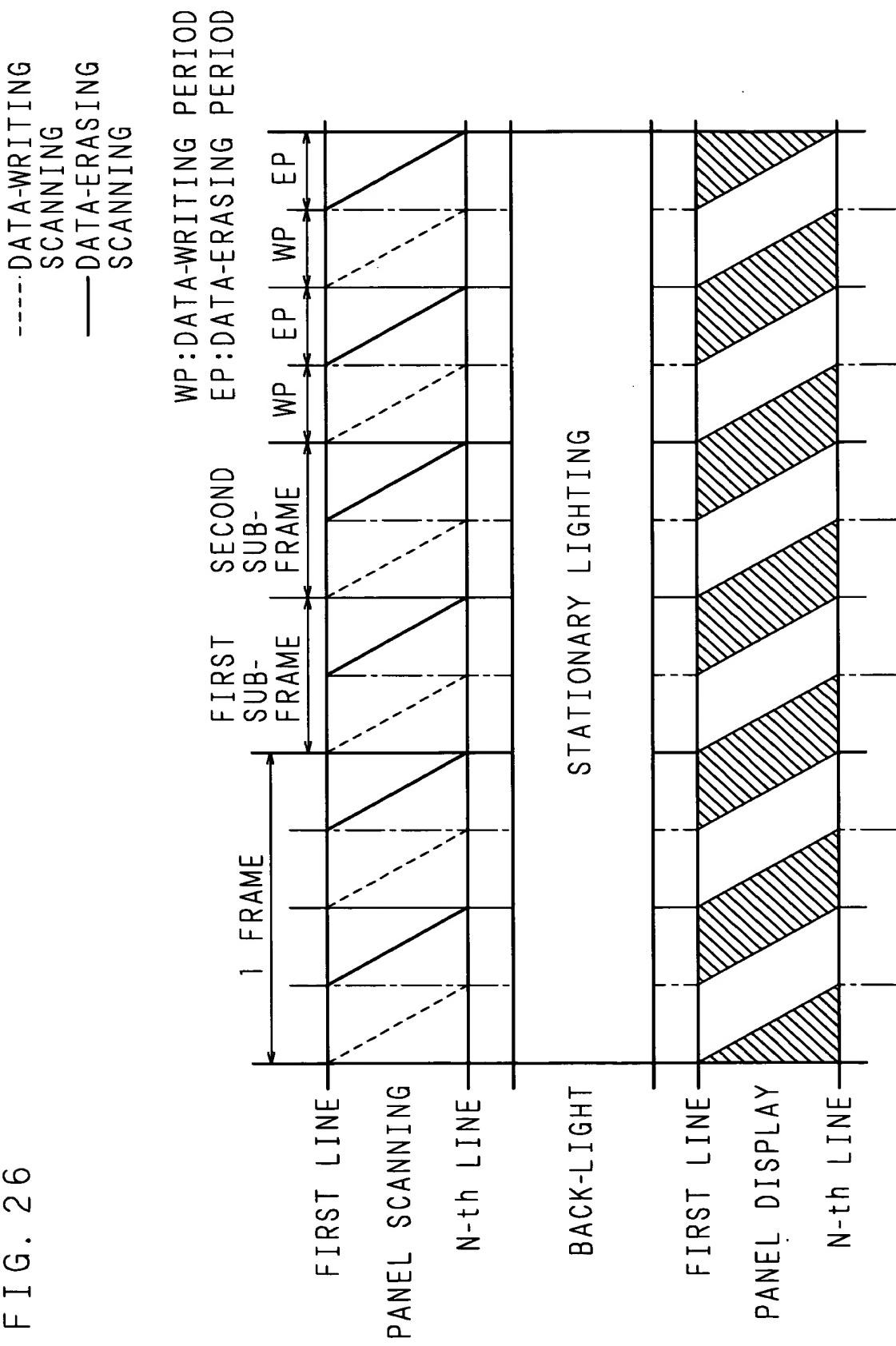


FIG. 27

— DATA-WRITING SCANNING
— DATA-ERASING SCANNING

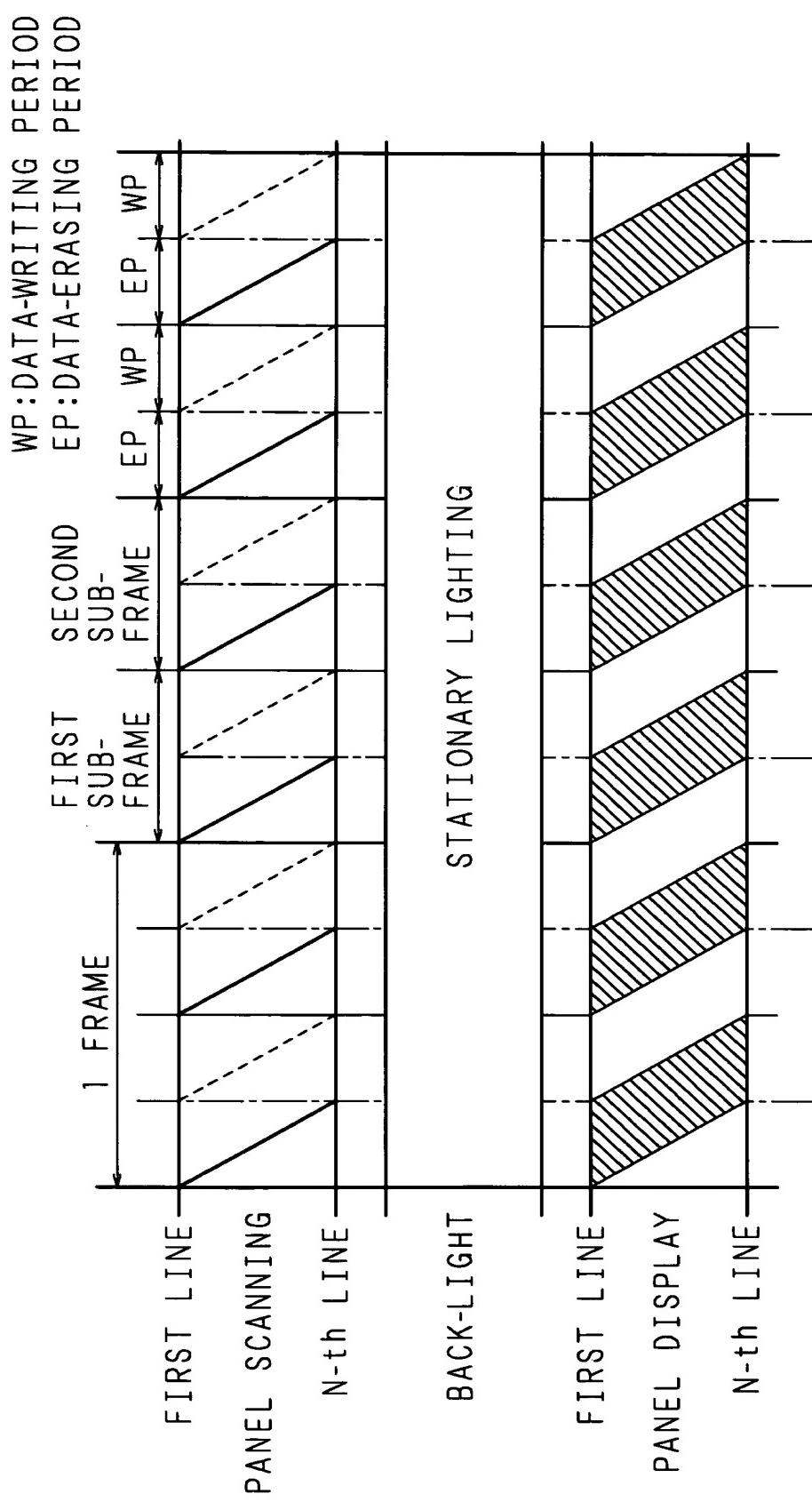


FIG. 28

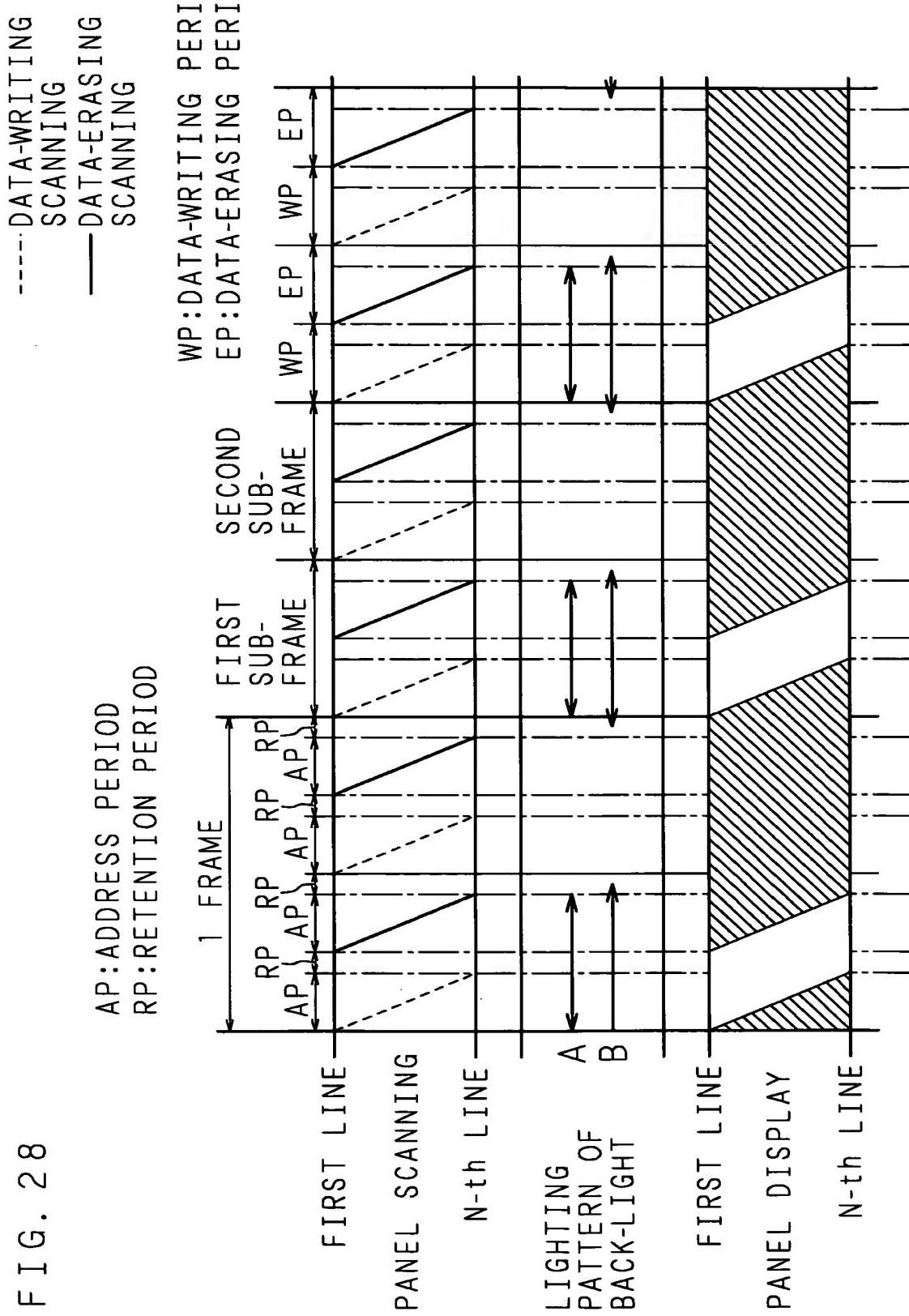


FIG. 29

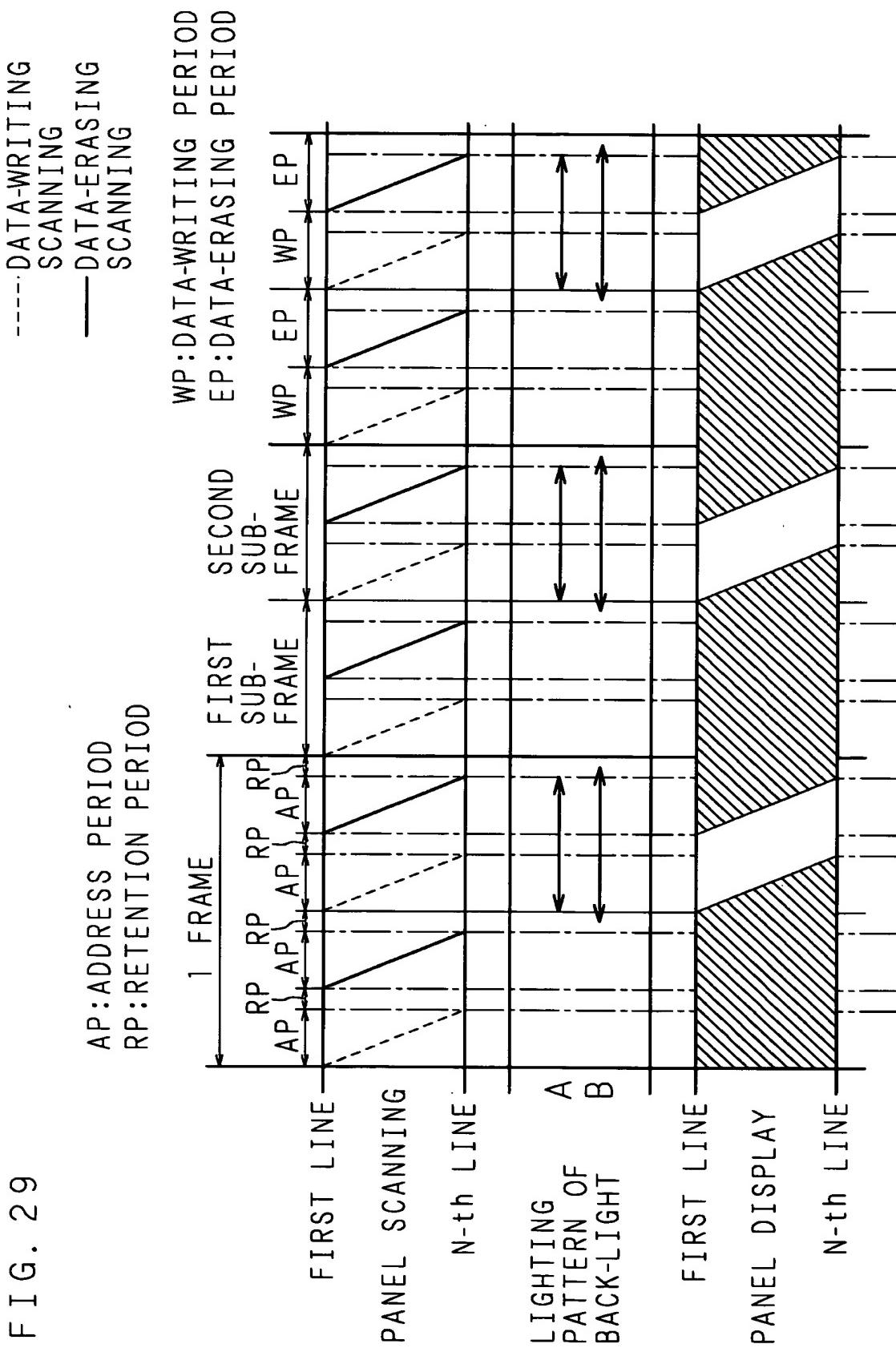


FIG. 30
 AP: ADDRESS PERIOD
 RP: RETENTION PERIOD
 WP: DATA-WRITING PERIOD
 EP: DATA-ERASING PERIOD
 - - - - - DATA-WRITING SCANNING
 - - - - - DATA-ERASING SCANNING

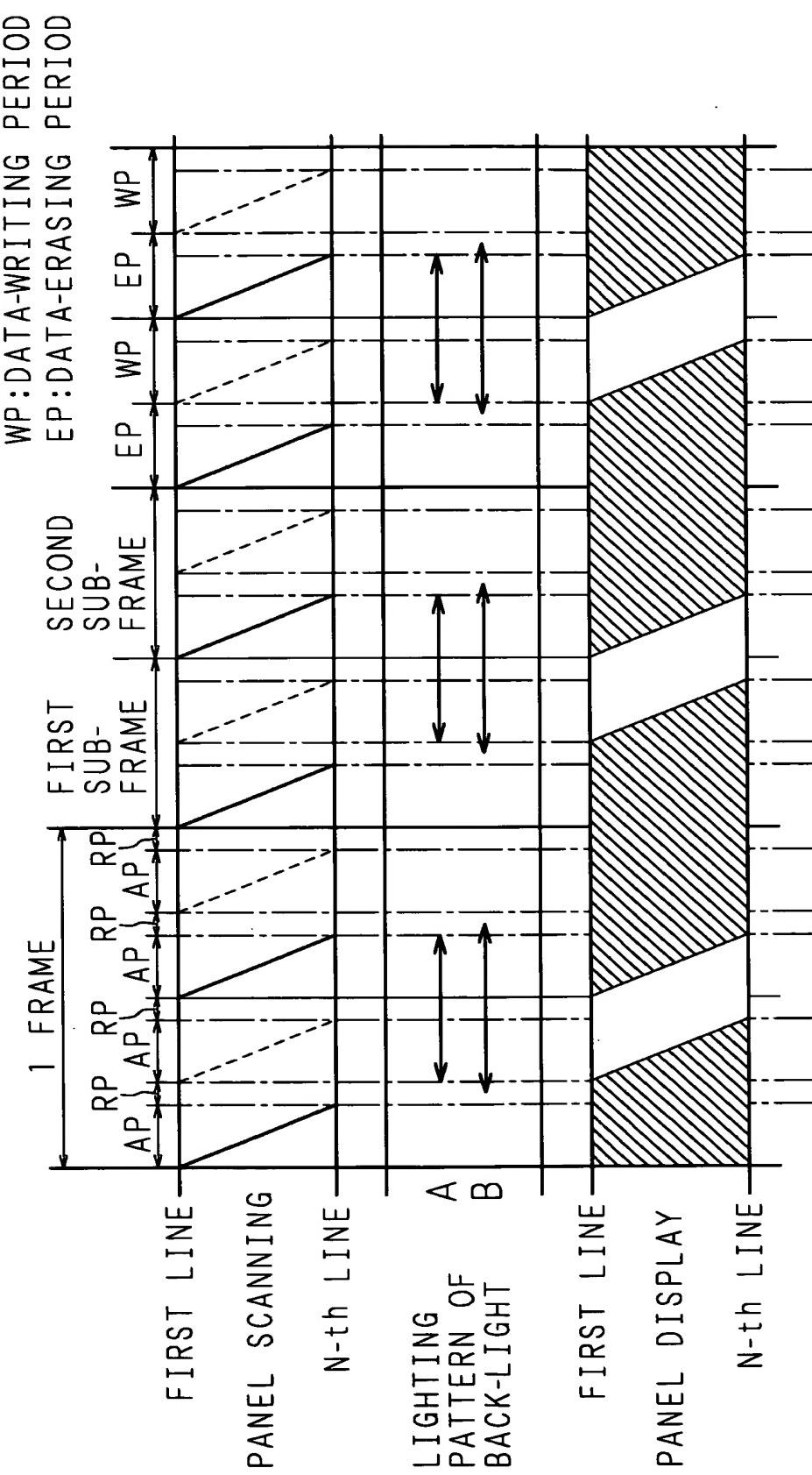


FIG. 31
AP: ADDRESS PERIOD
RP: RETENTION PERIOD
-----DATA-WRITING SCANNING
— DATA-ERASING SCANNING

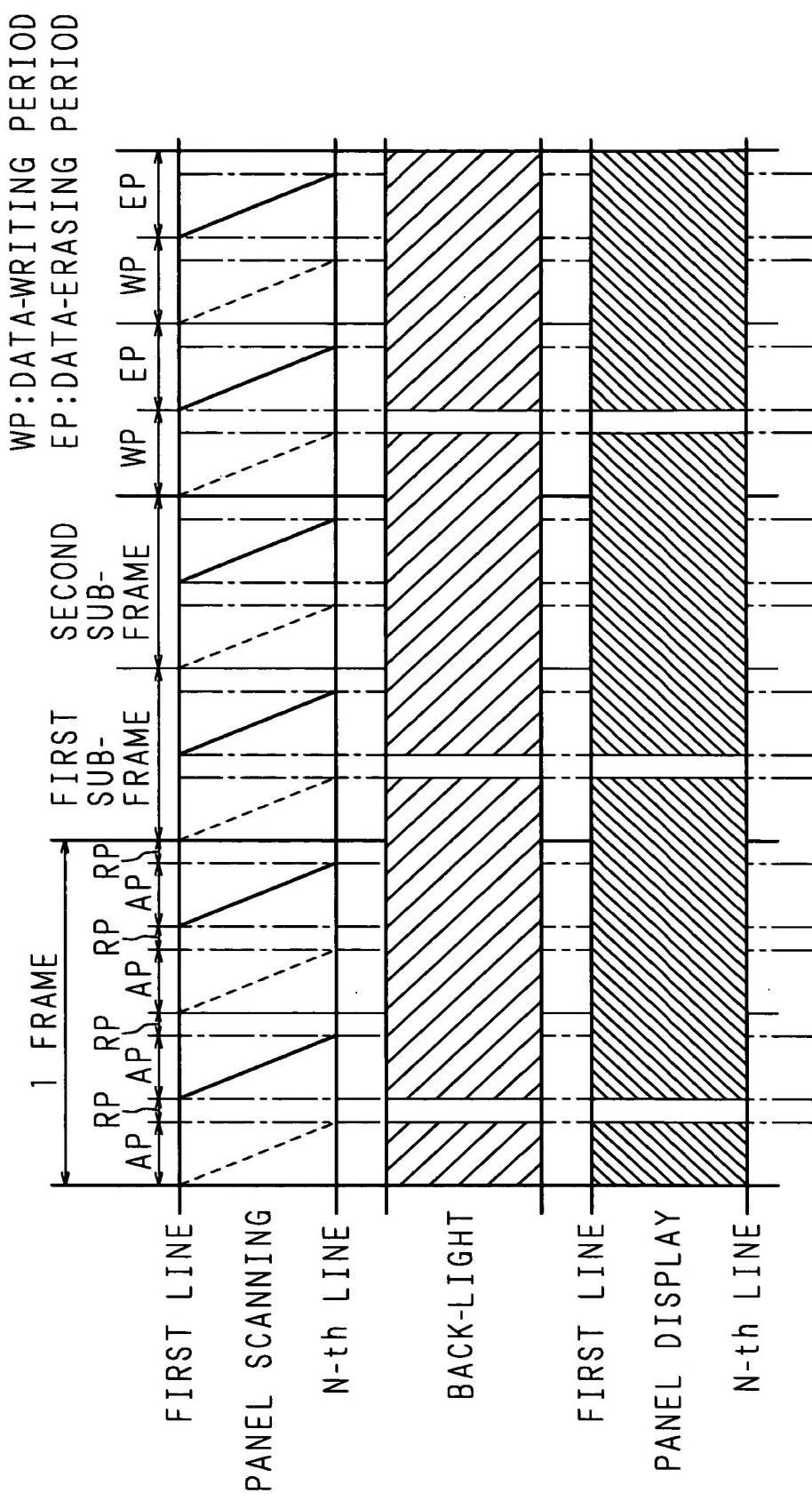


FIG. 32

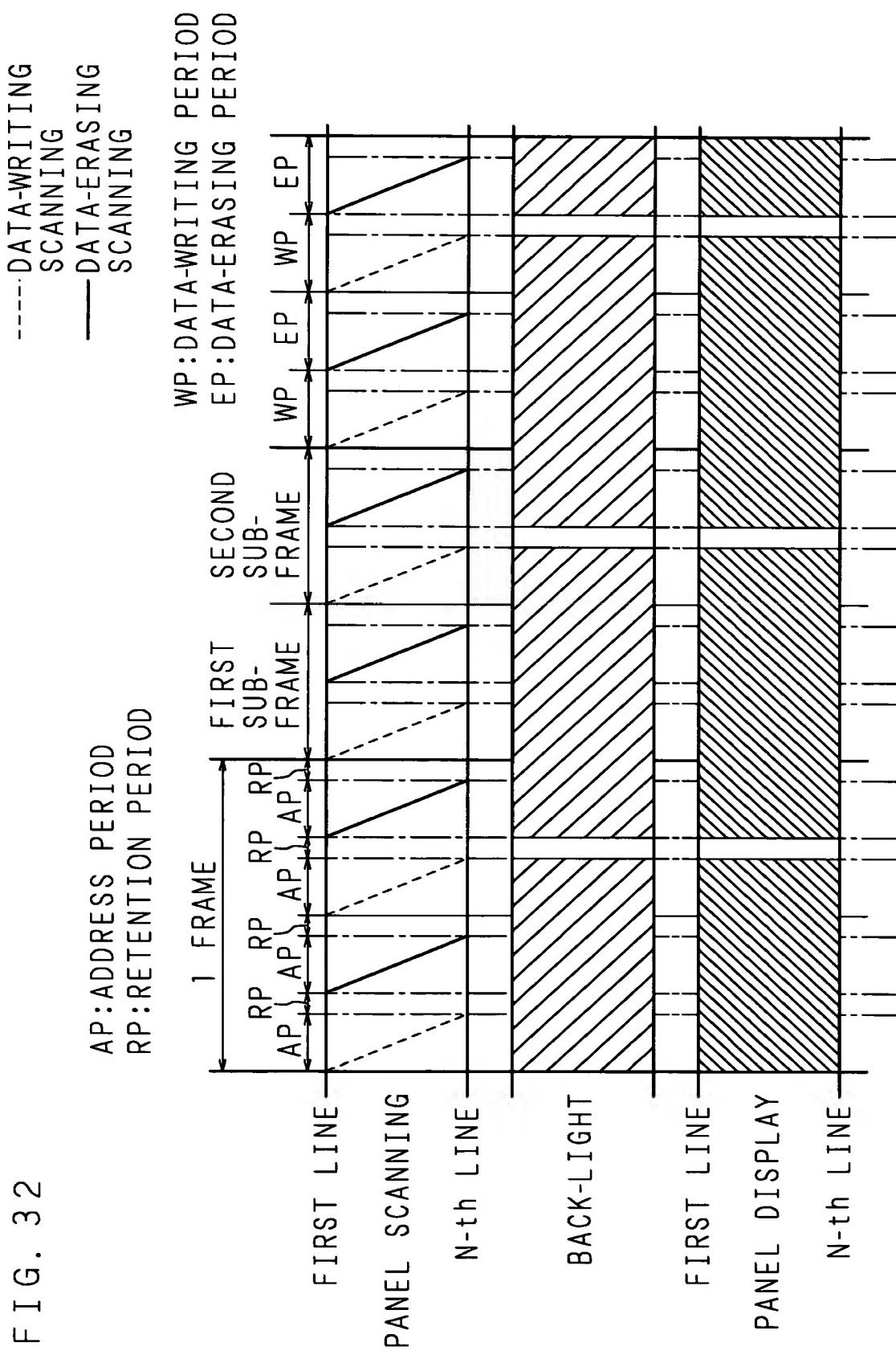


FIG. 33

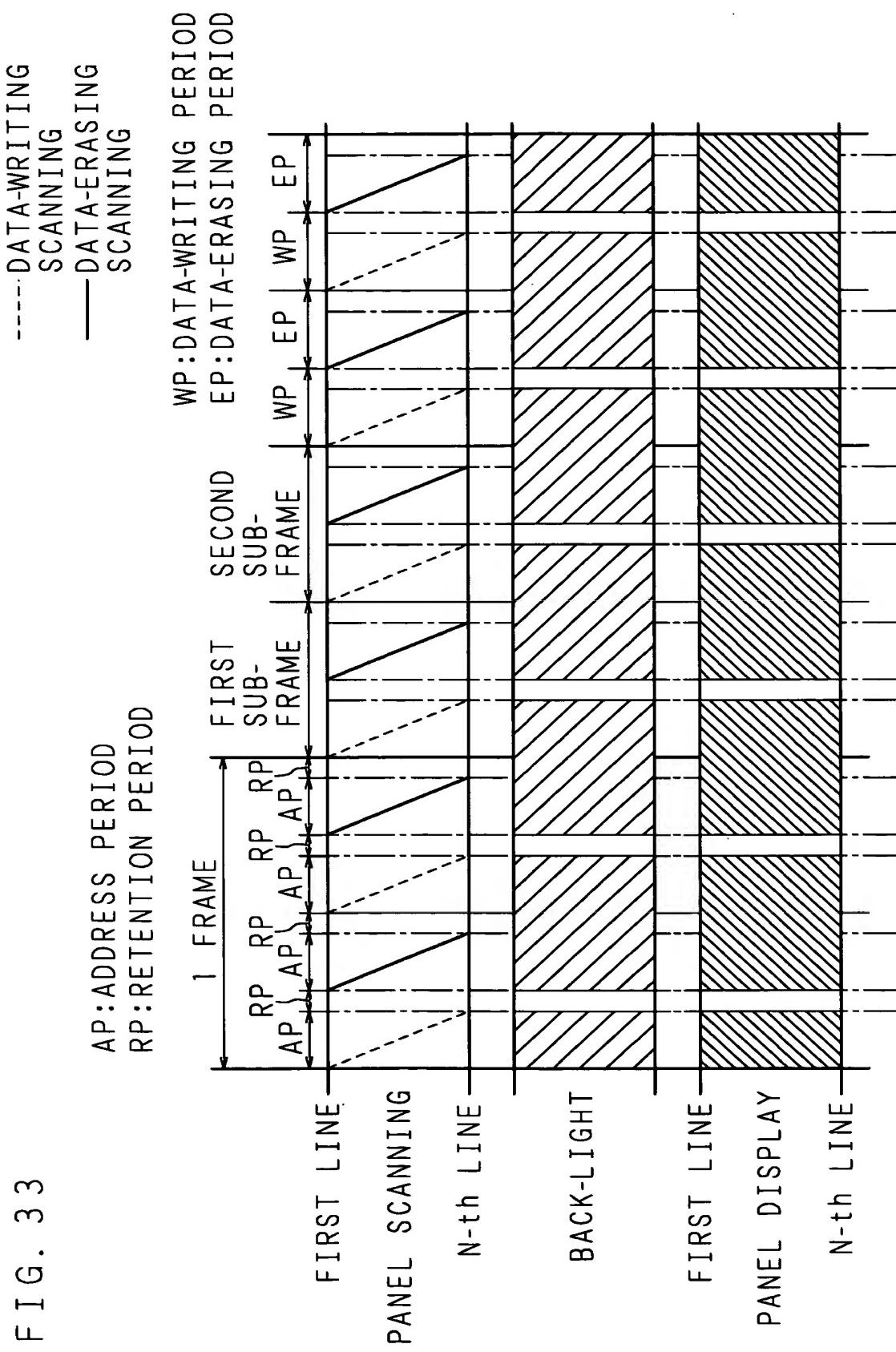


FIG. 34

AP:ADDRESS PERIOD
RP:RETENTION PERIOD

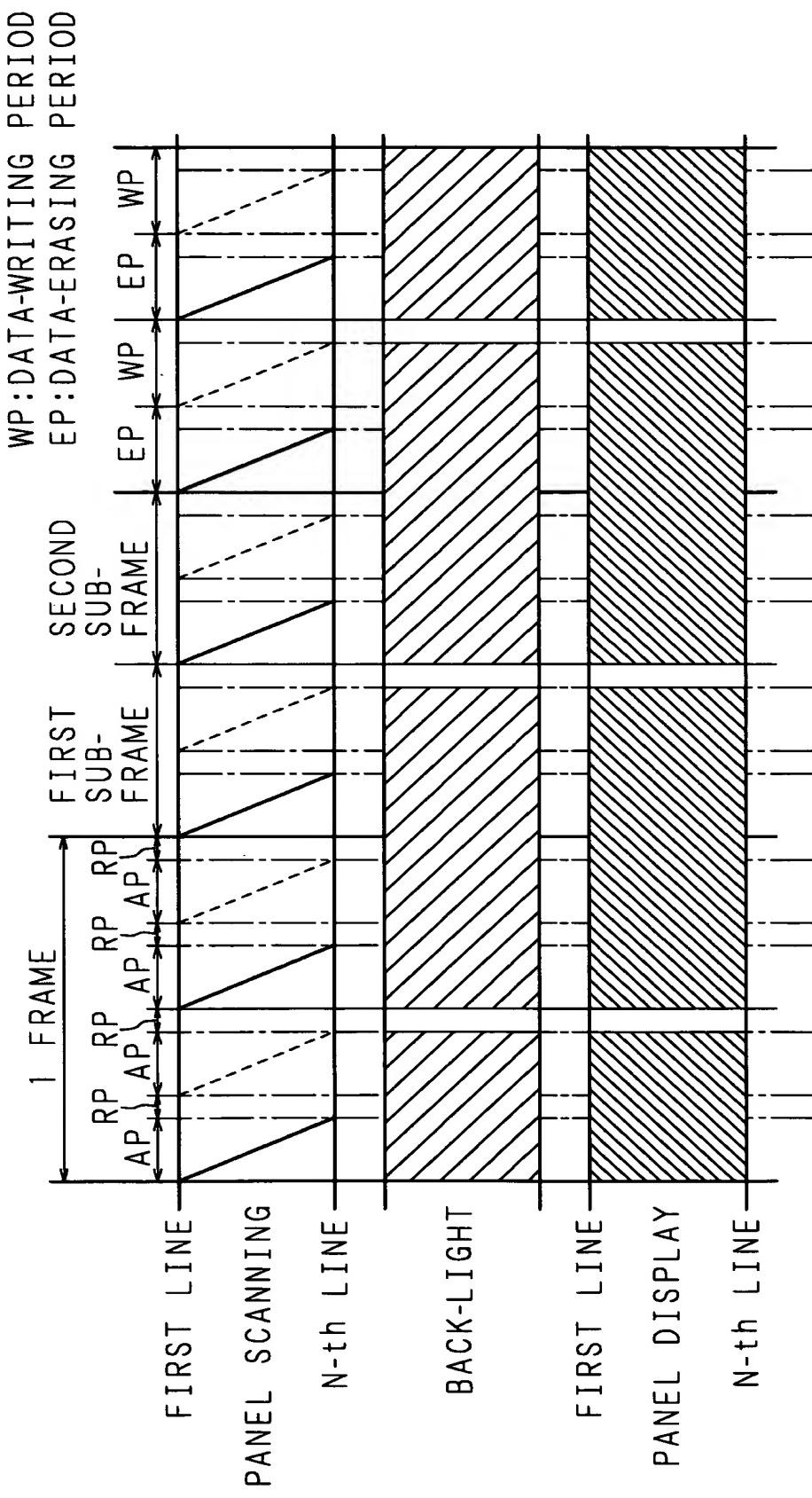
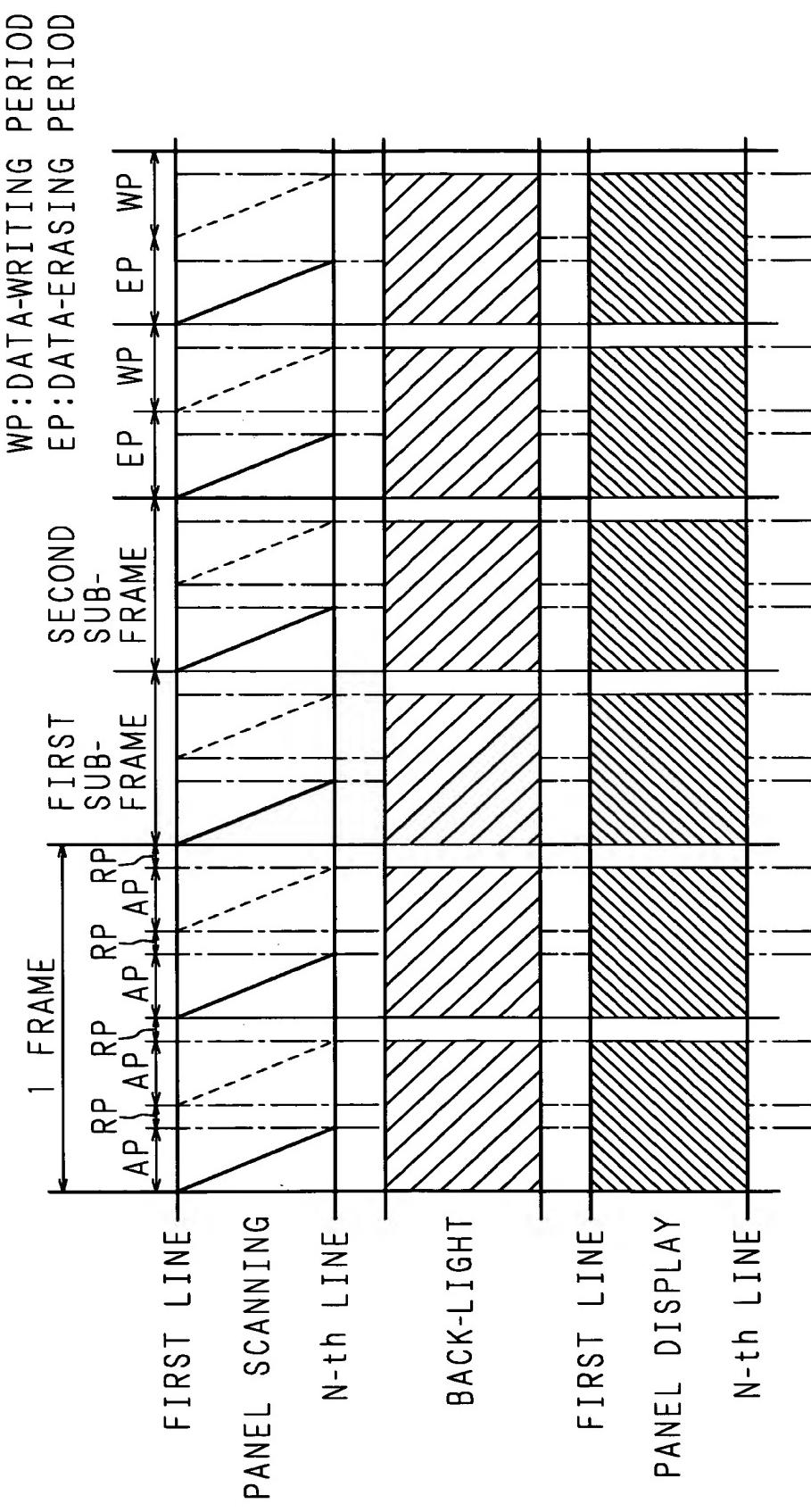


FIG. 35

AP:ADDRESS PERIOD
RP:RETENTION PERIOD

----- DATA-WRITING
SCANNING
— DATA-ERASING
SCANNING



--- DATA-WRITING
SCANNING
— DATA-Erasing
SCANNING

FIG. 36

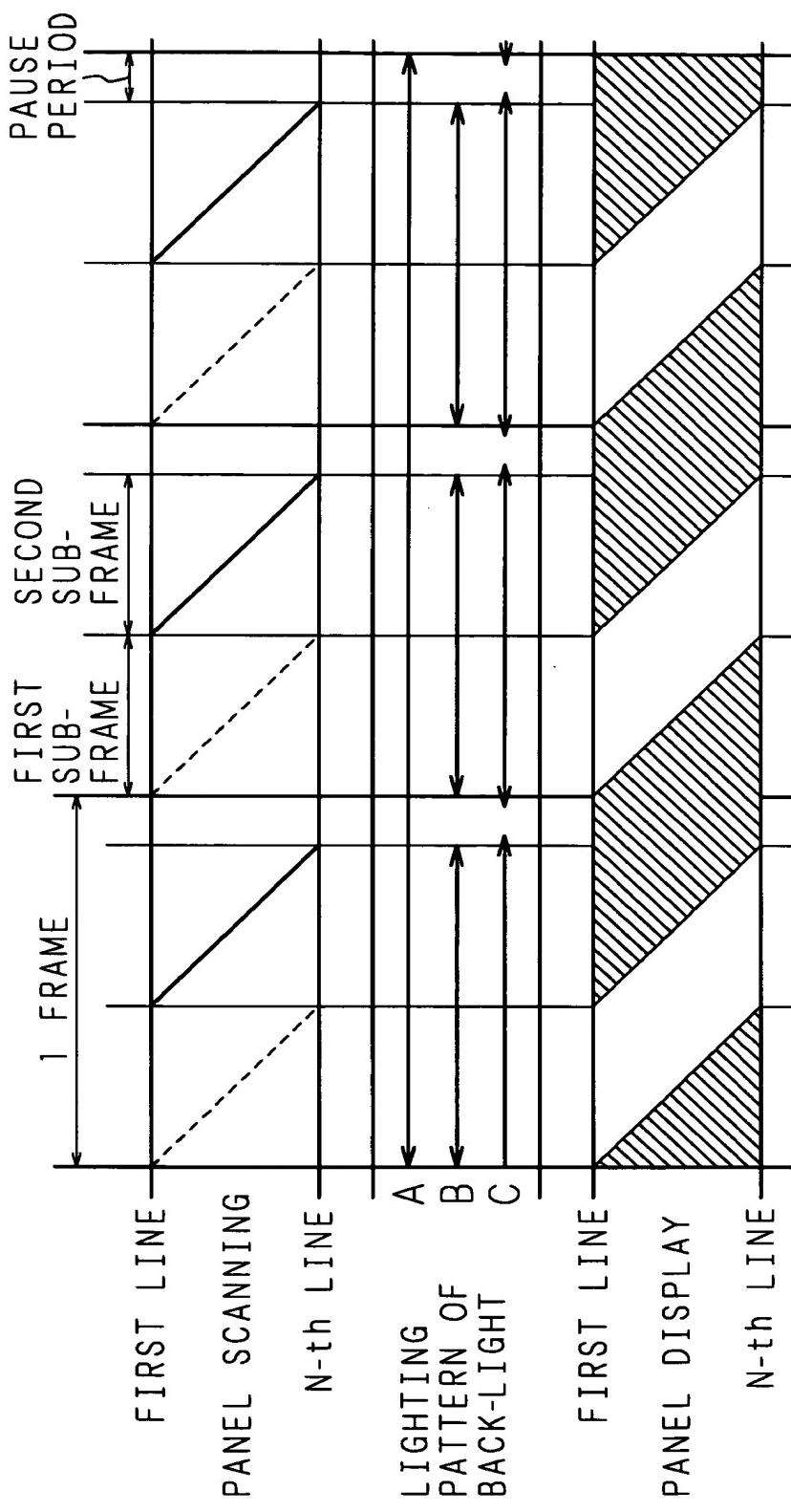


FIG. 37

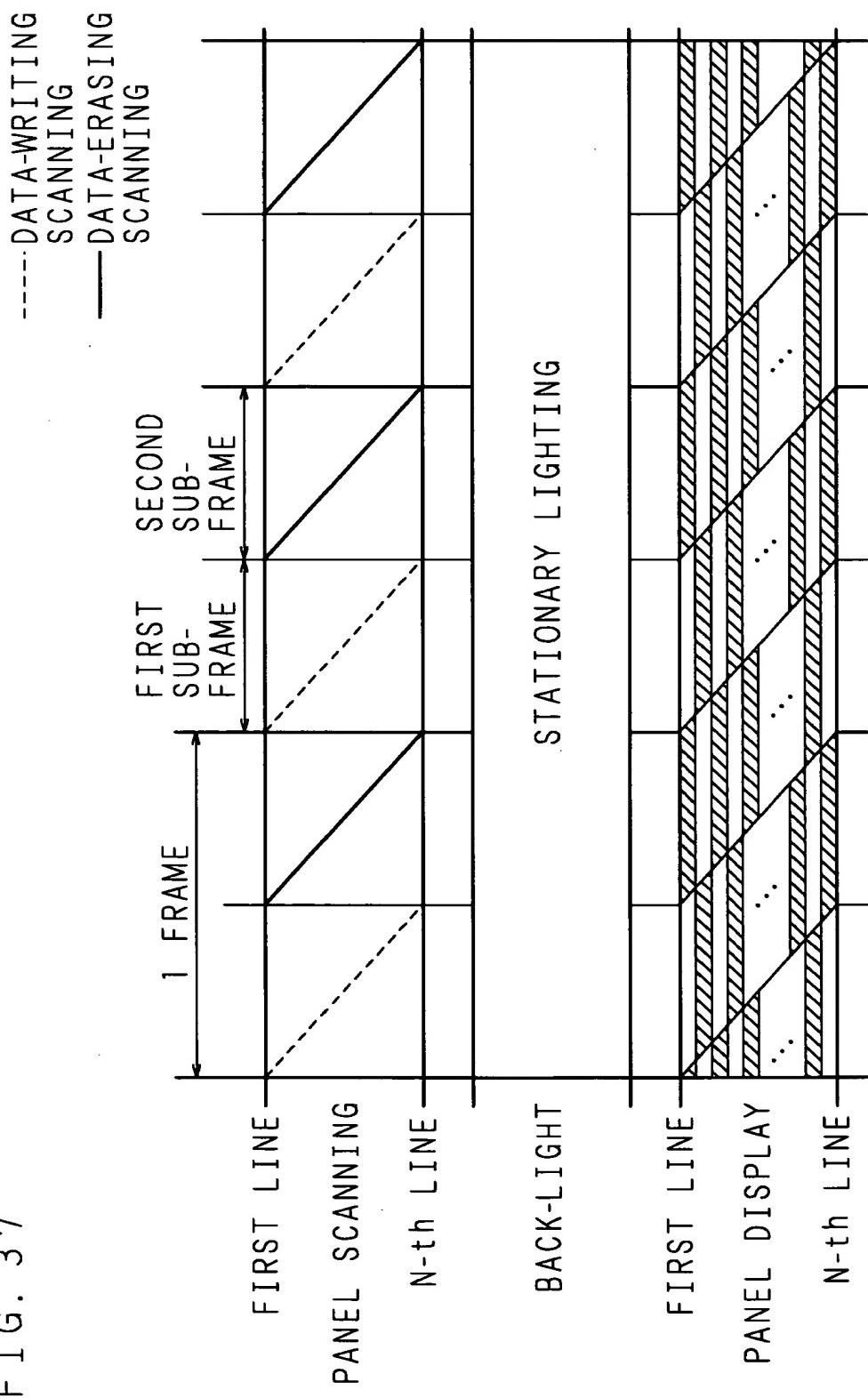


FIG. 38

AP: ADDRESS PERIOD
RP: RETENTION PERIOD

--- DATA-WRITING
SCANNING

— DATA-ERASING
SCANNING

